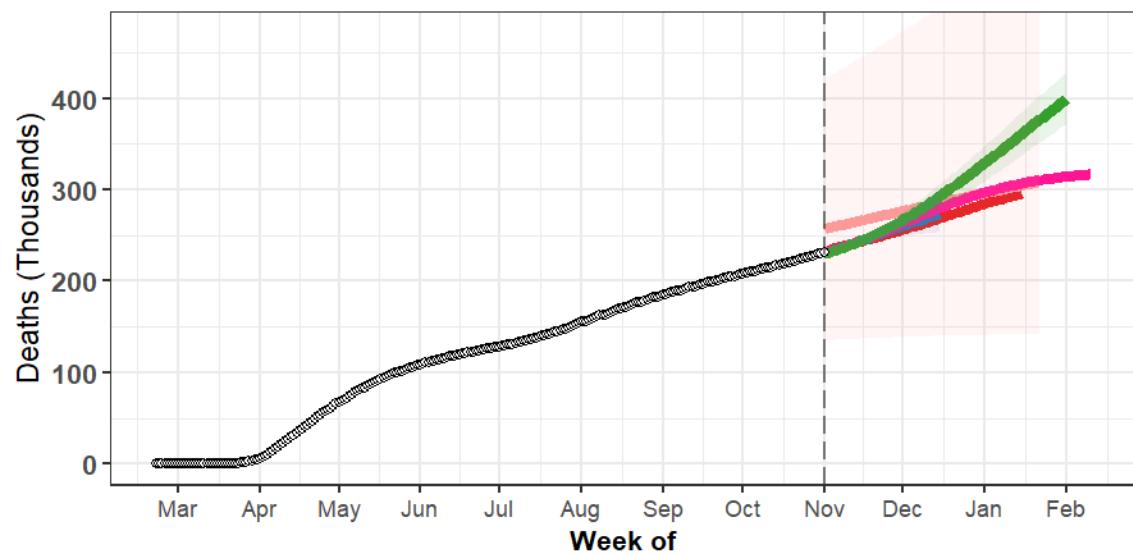
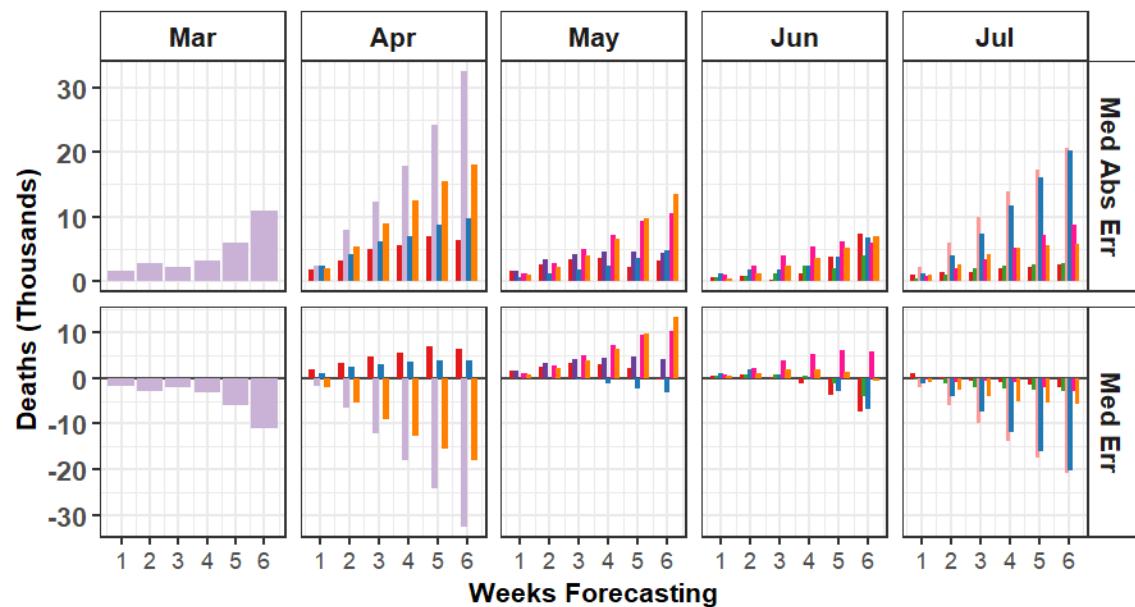


# United States

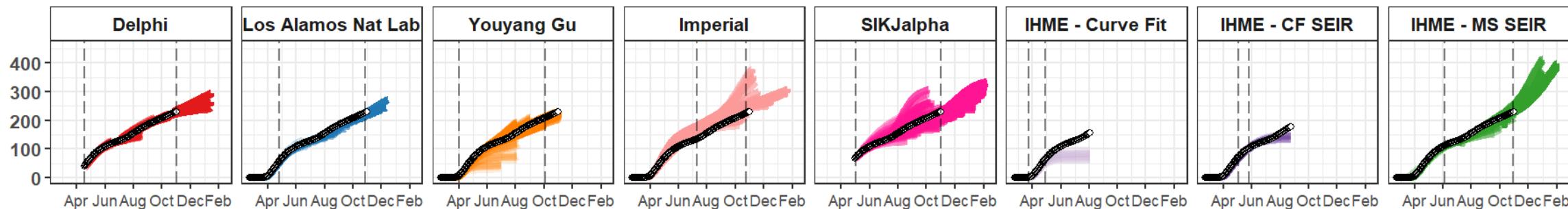
## Current Forecast



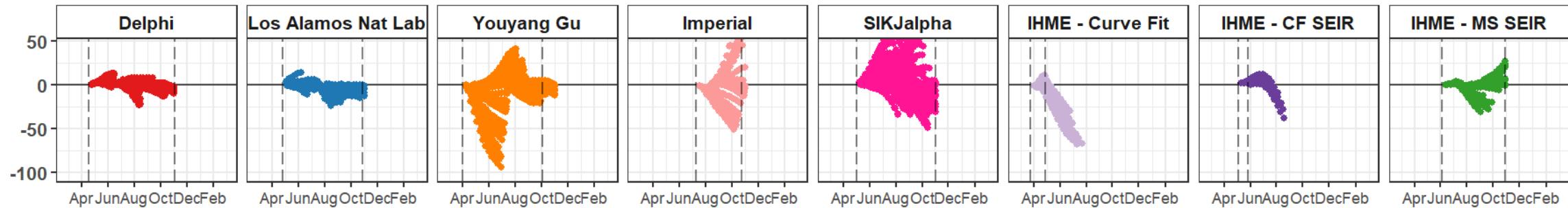
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

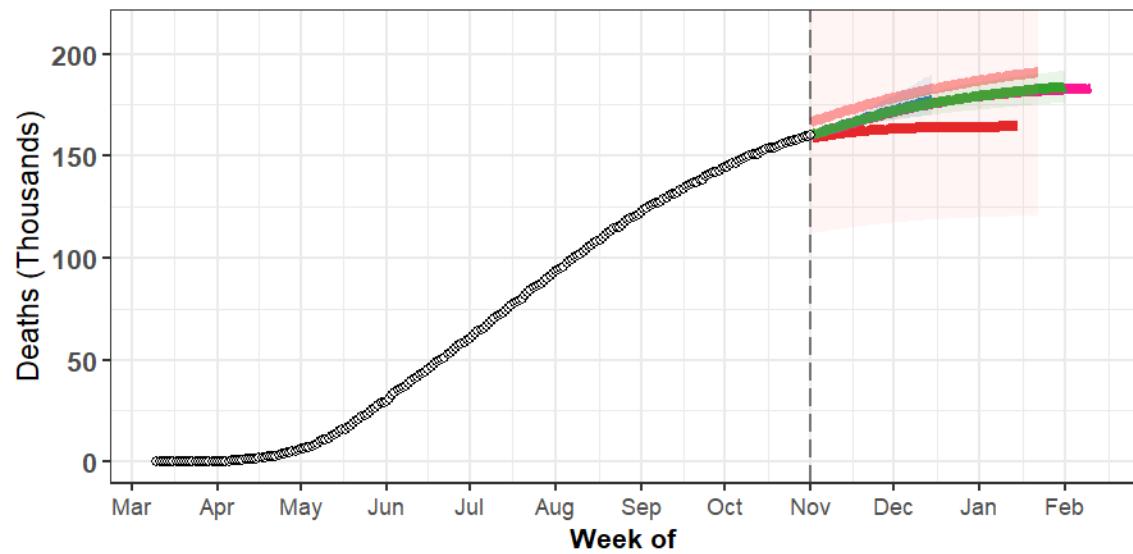


## All Cumulative Errors

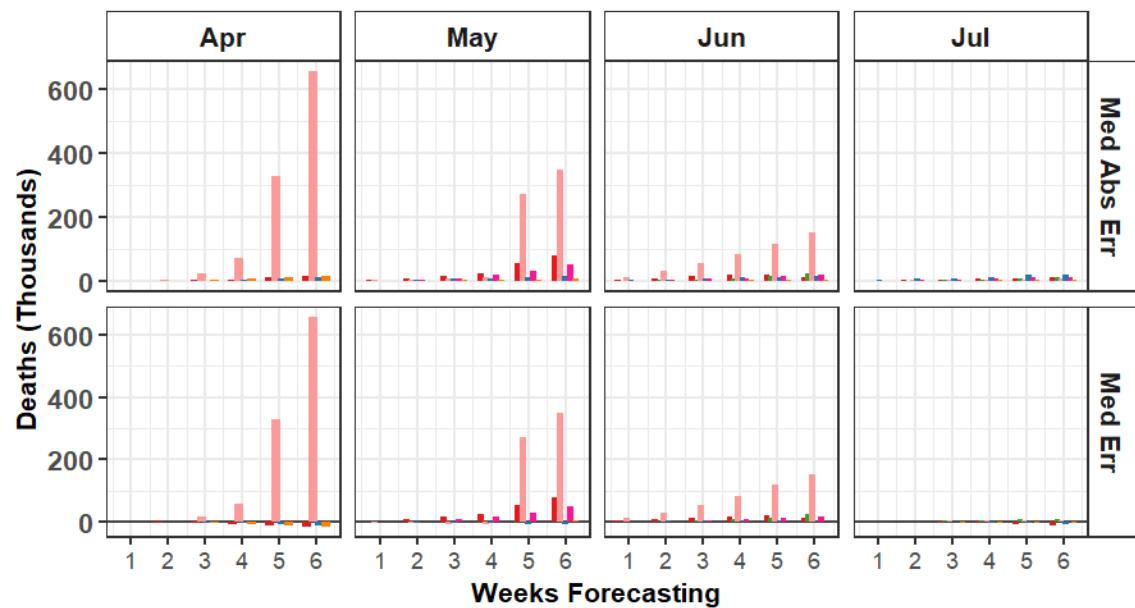


# Brazil

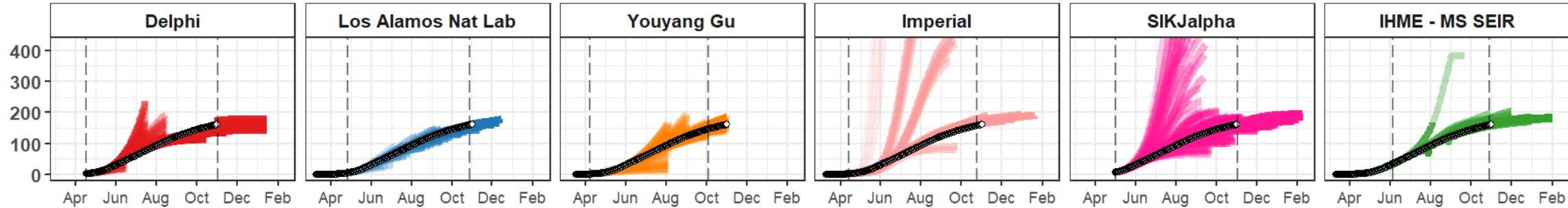
## Current Forecast



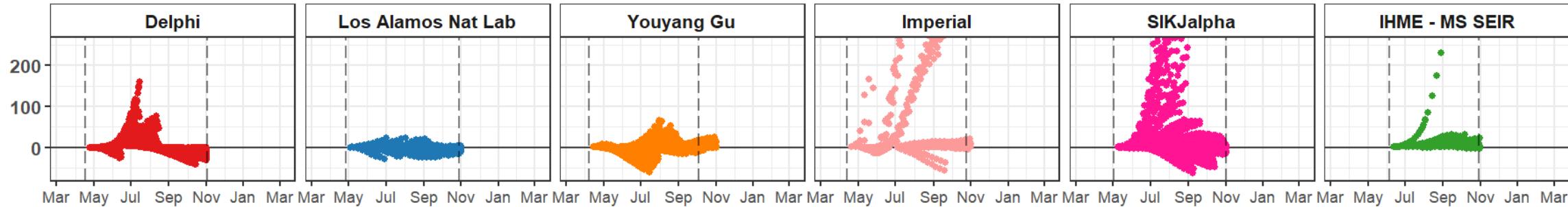
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

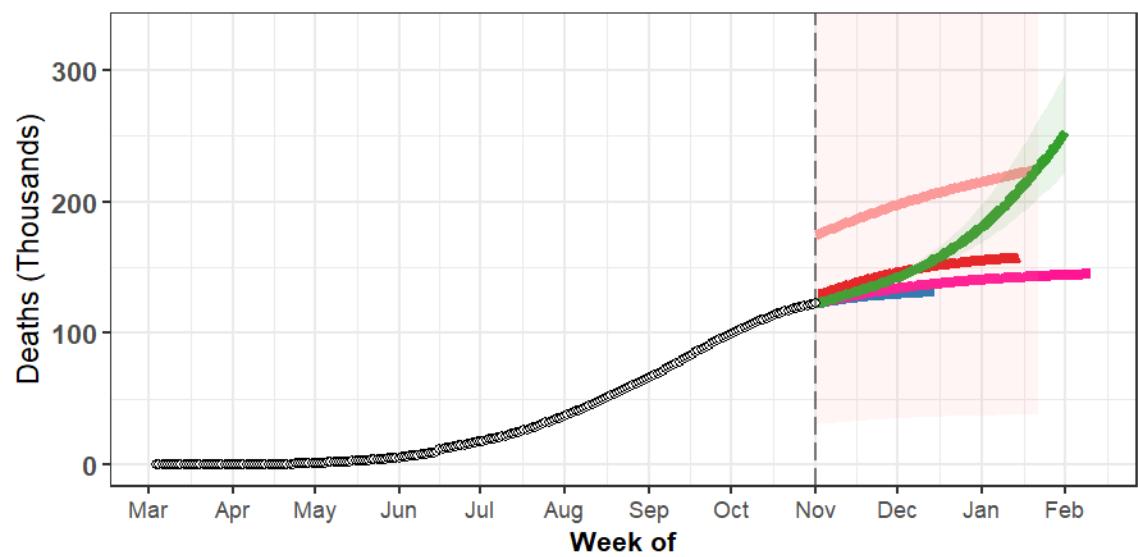


## All Cumulative Errors

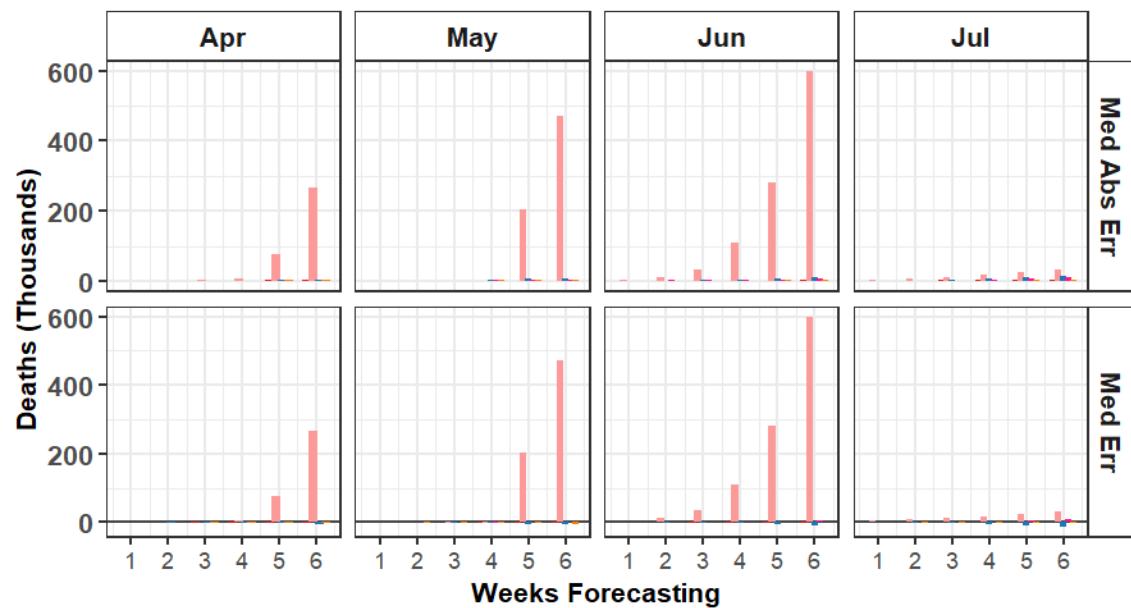


# India

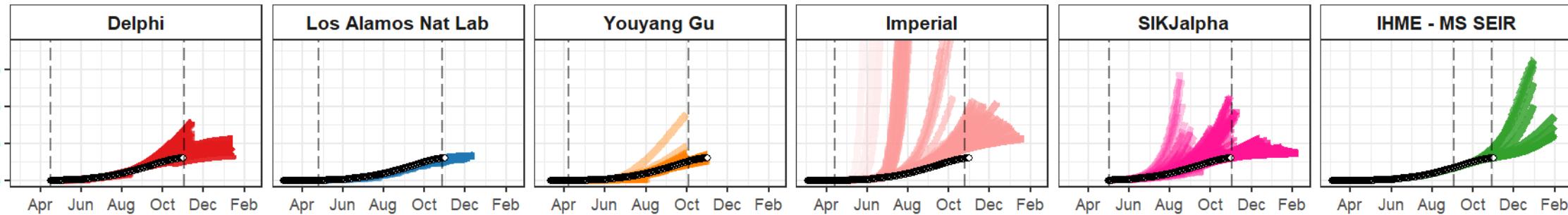
## Current Forecast



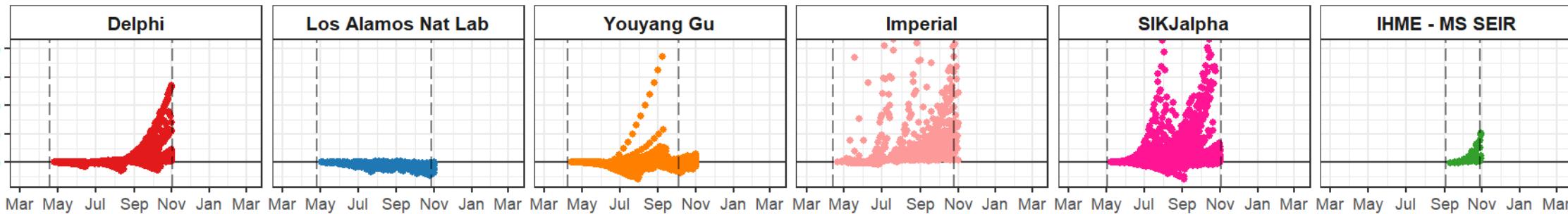
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

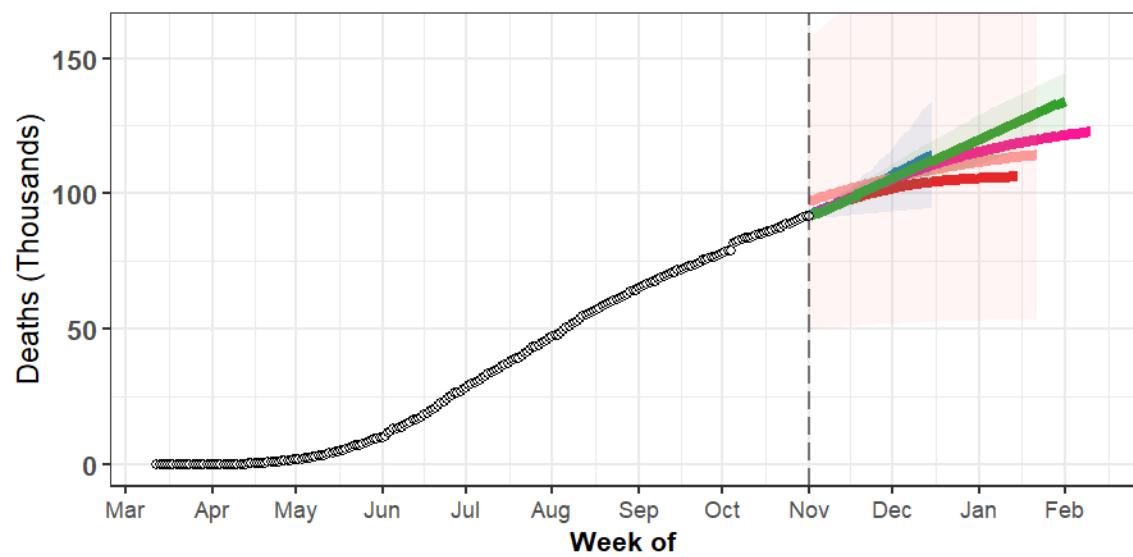


## All Cumulative Errors

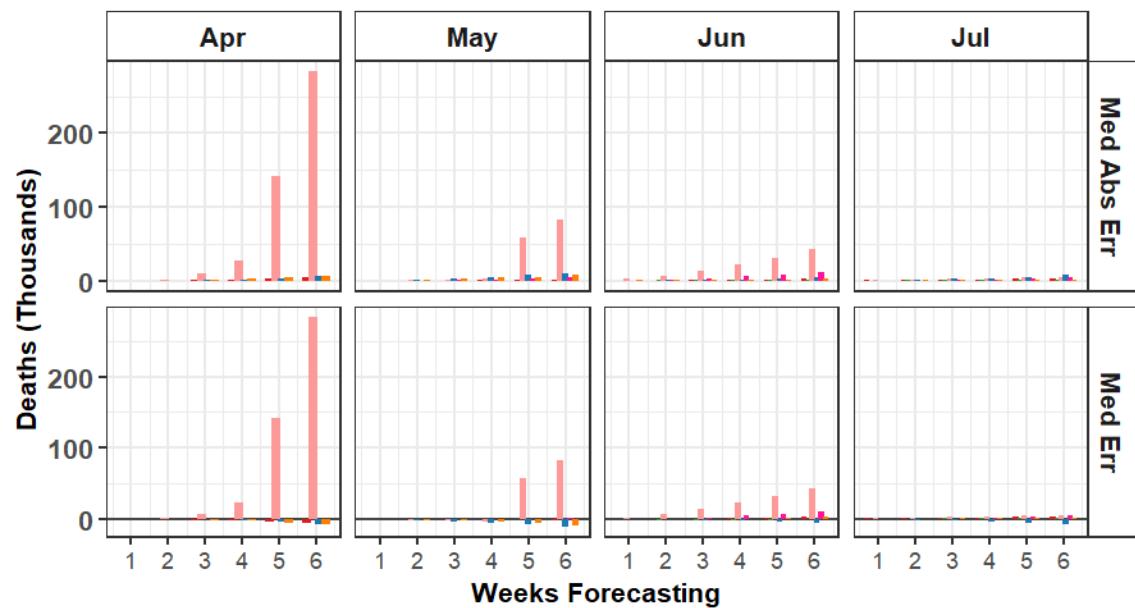


# Mexico

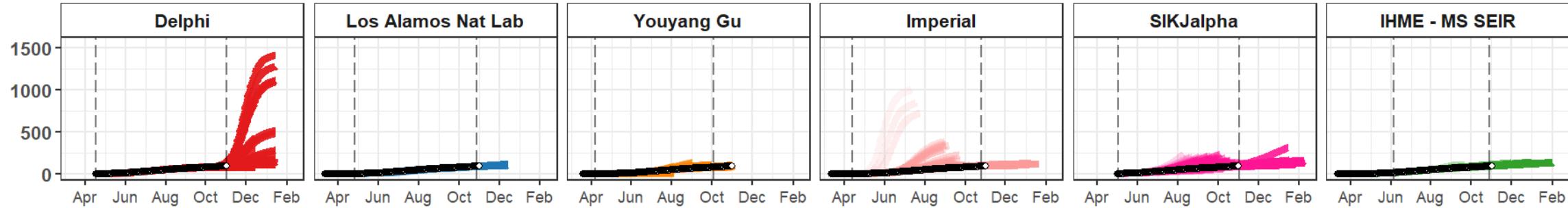
## Current Forecast



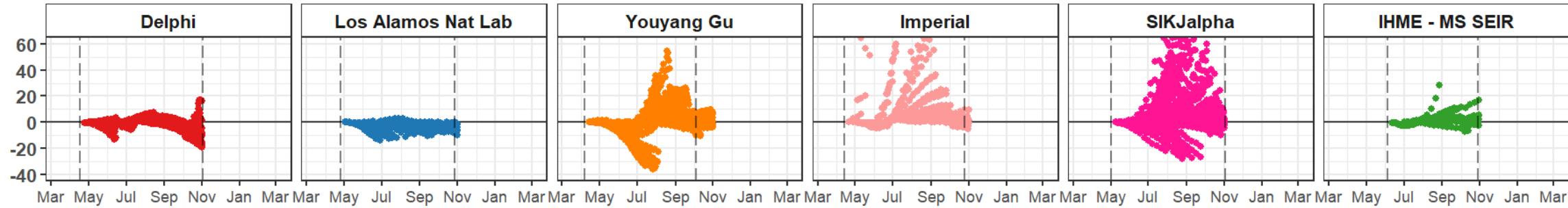
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

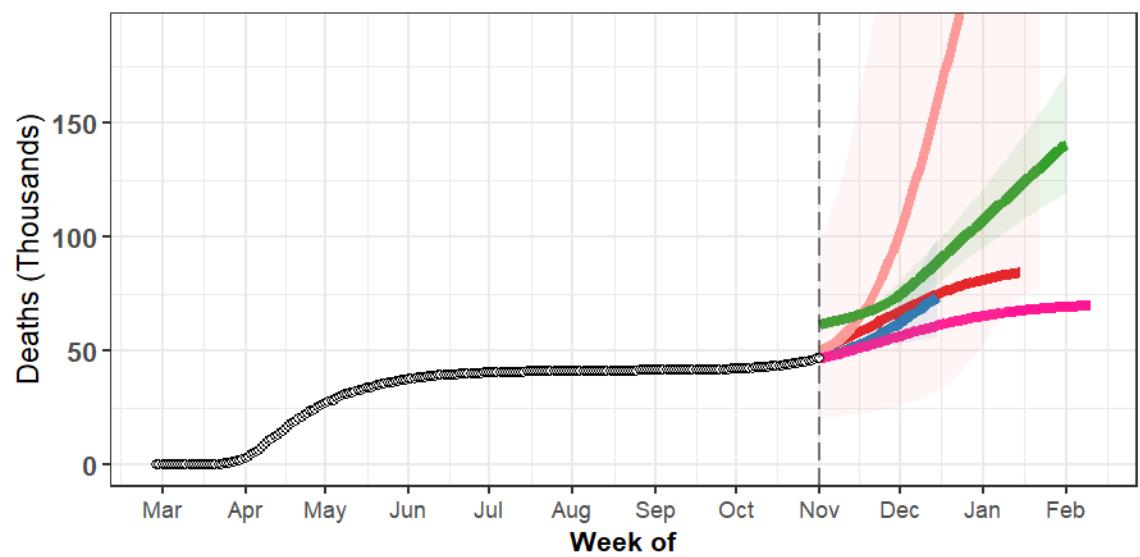


## All Cumulative Errors

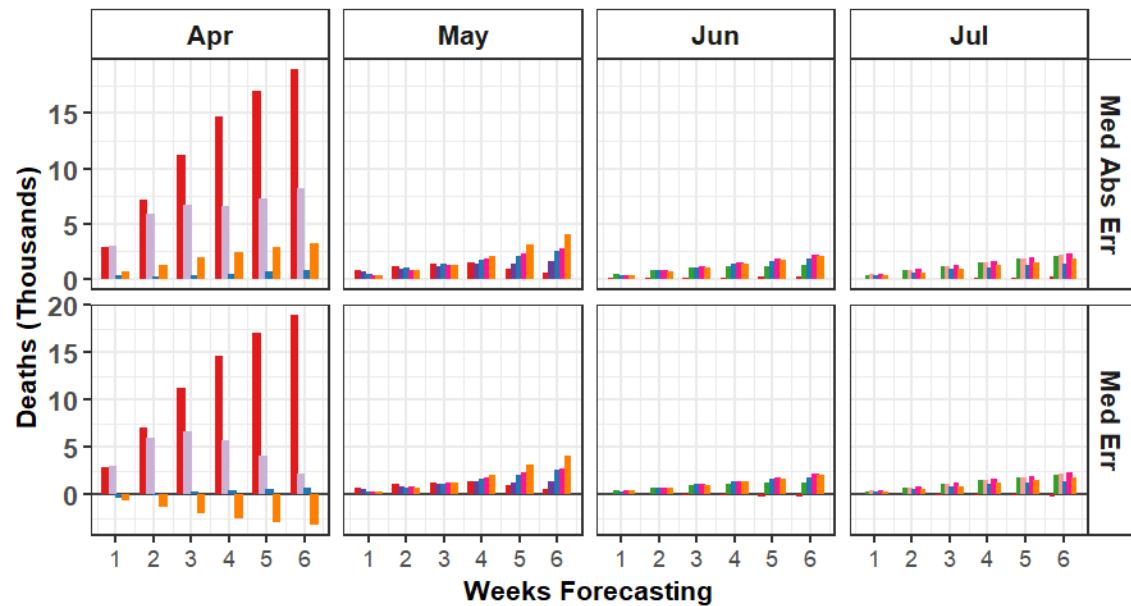


# United Kingdom

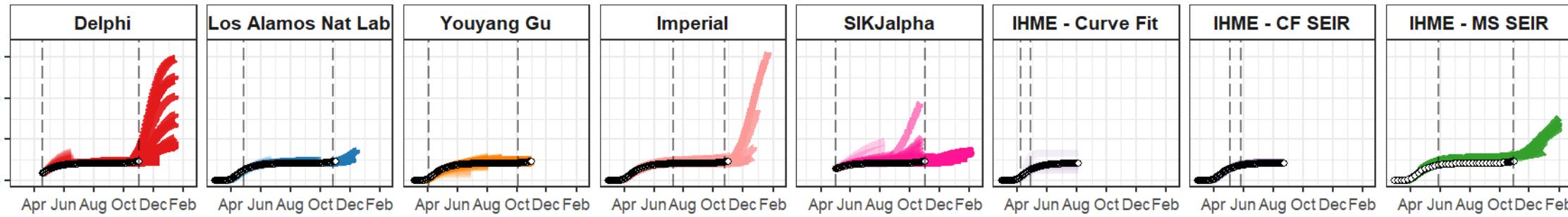
## Current Forecast



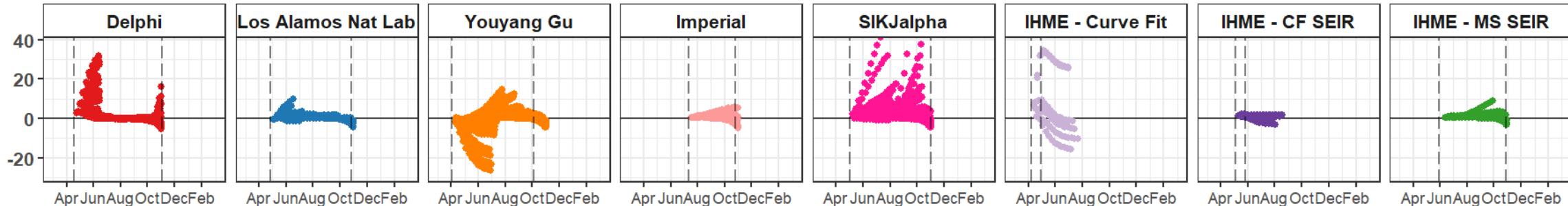
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

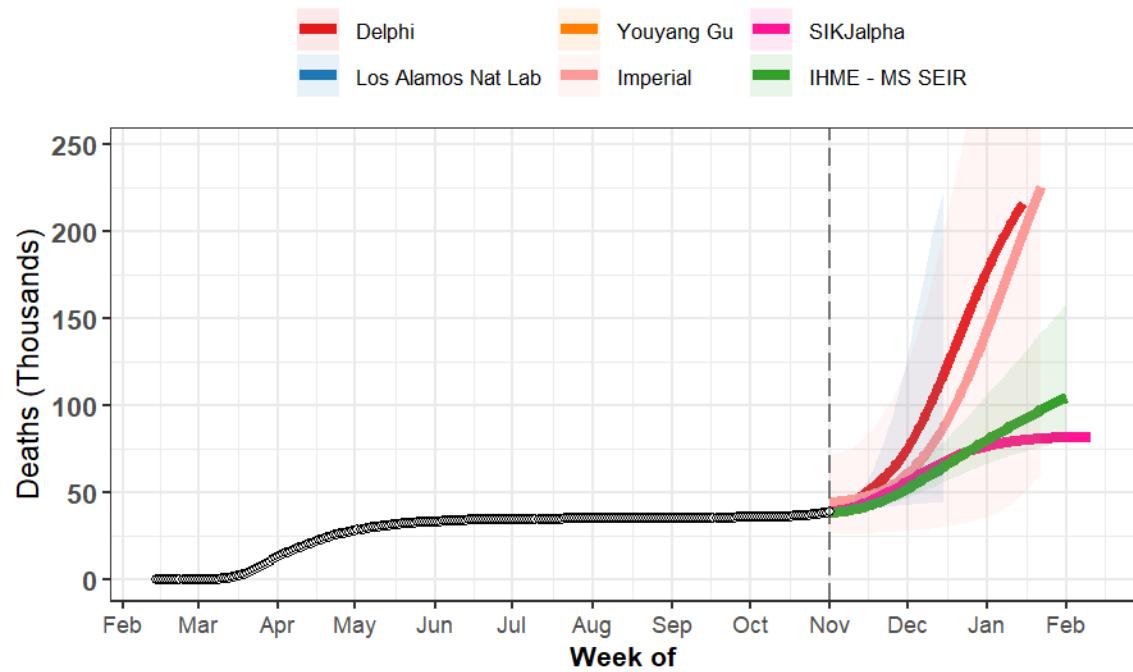


## All Cumulative Errors

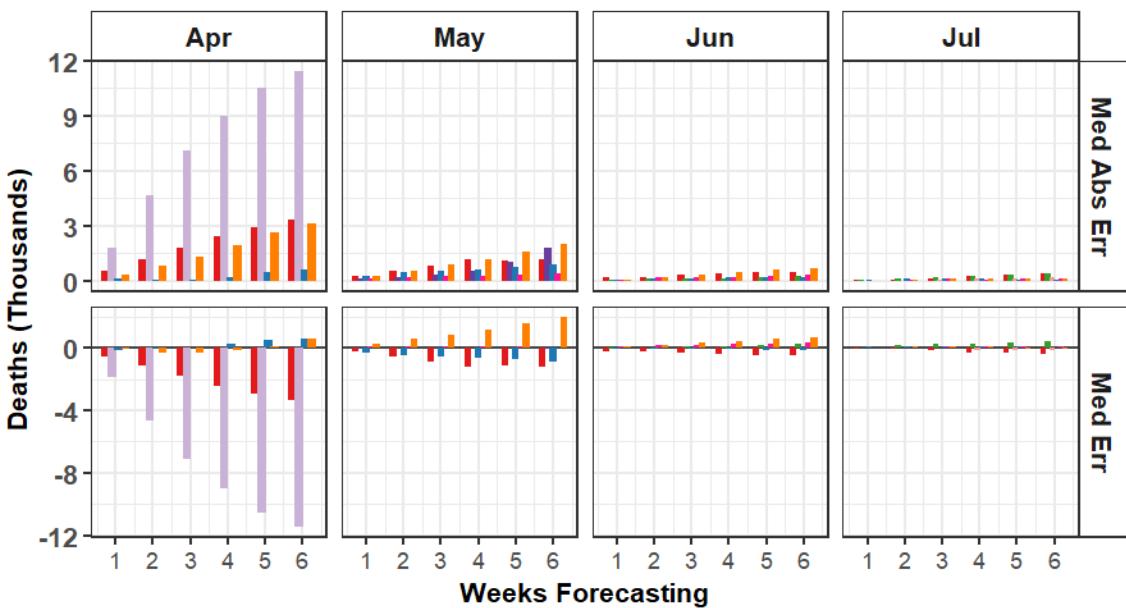


# Italy

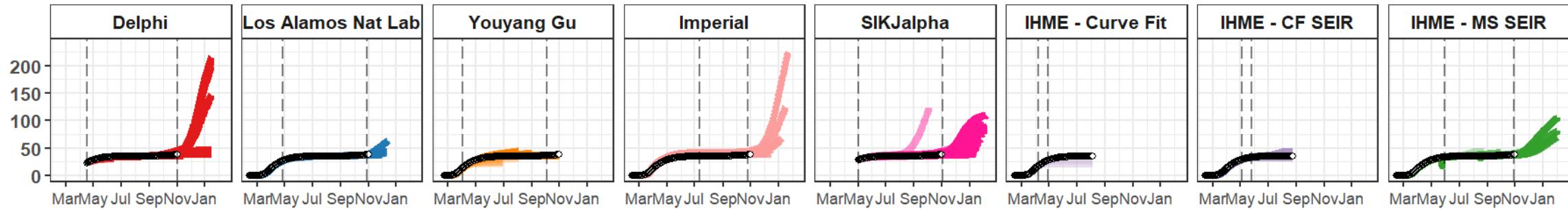
## Current Forecast



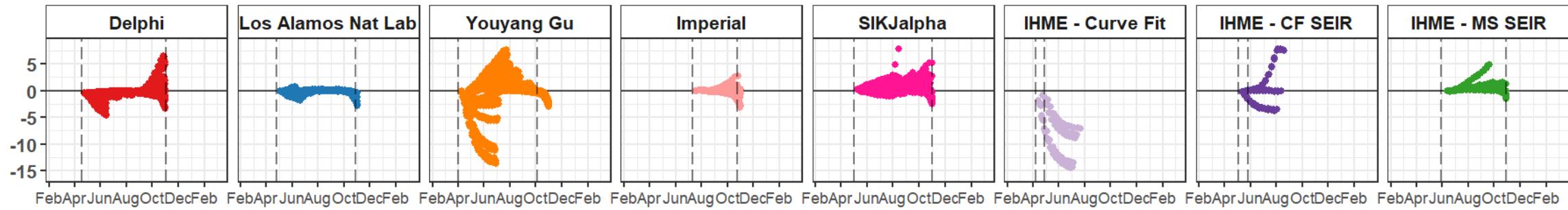
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

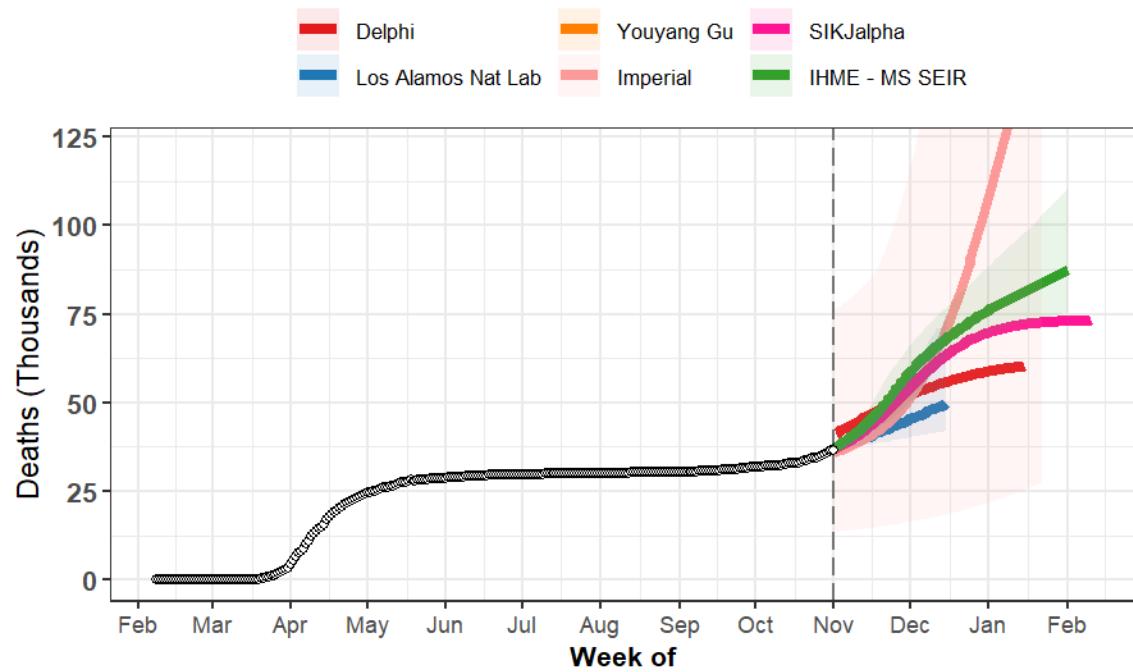


## All Cumulative Errors

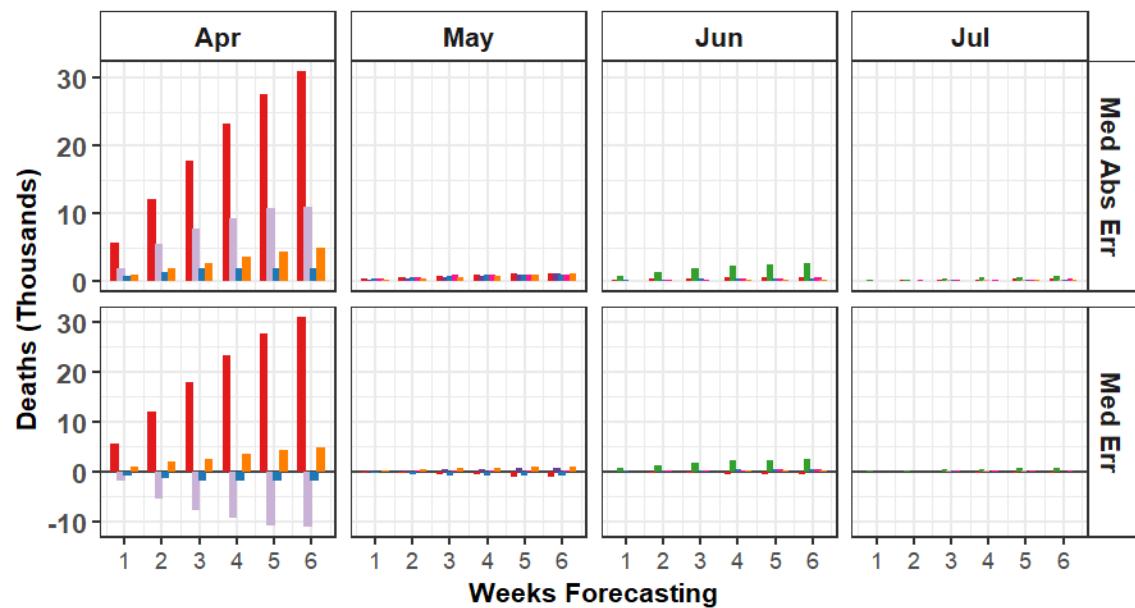


# France

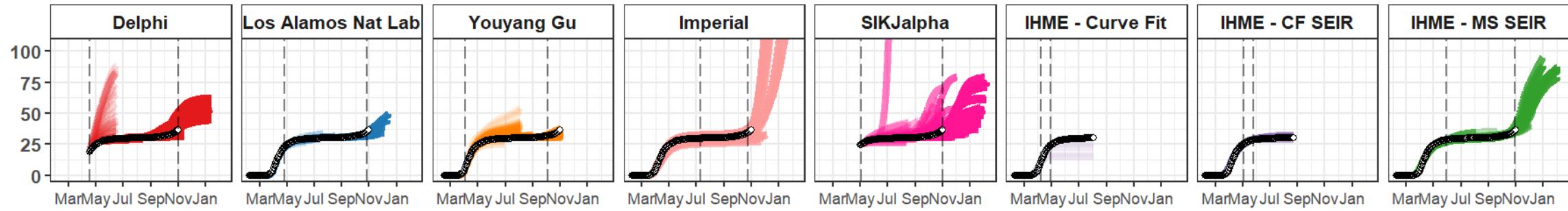
## Current Forecast



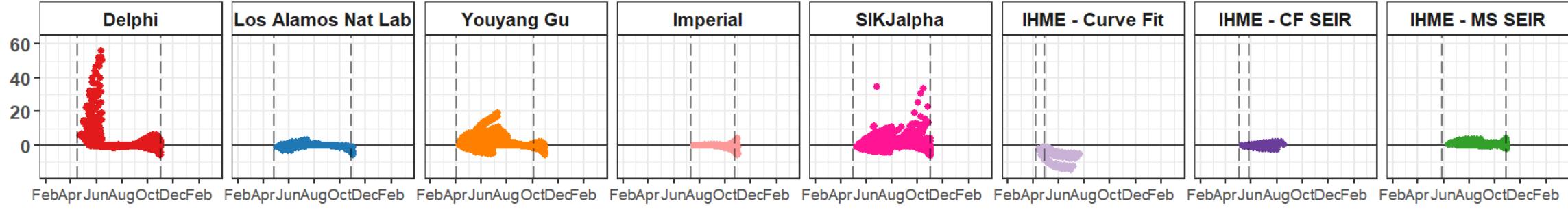
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

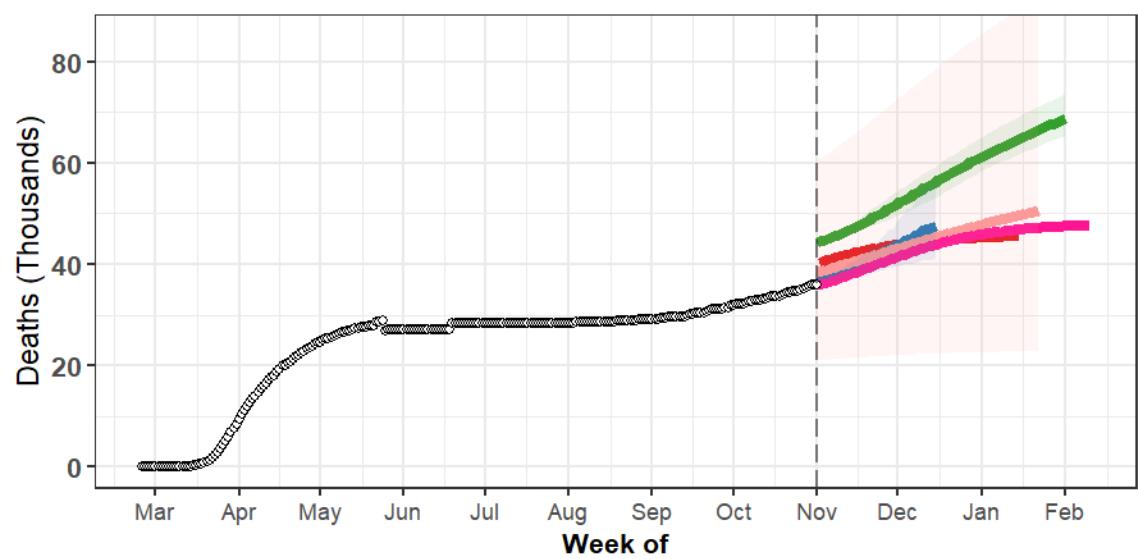


## All Cumulative Errors

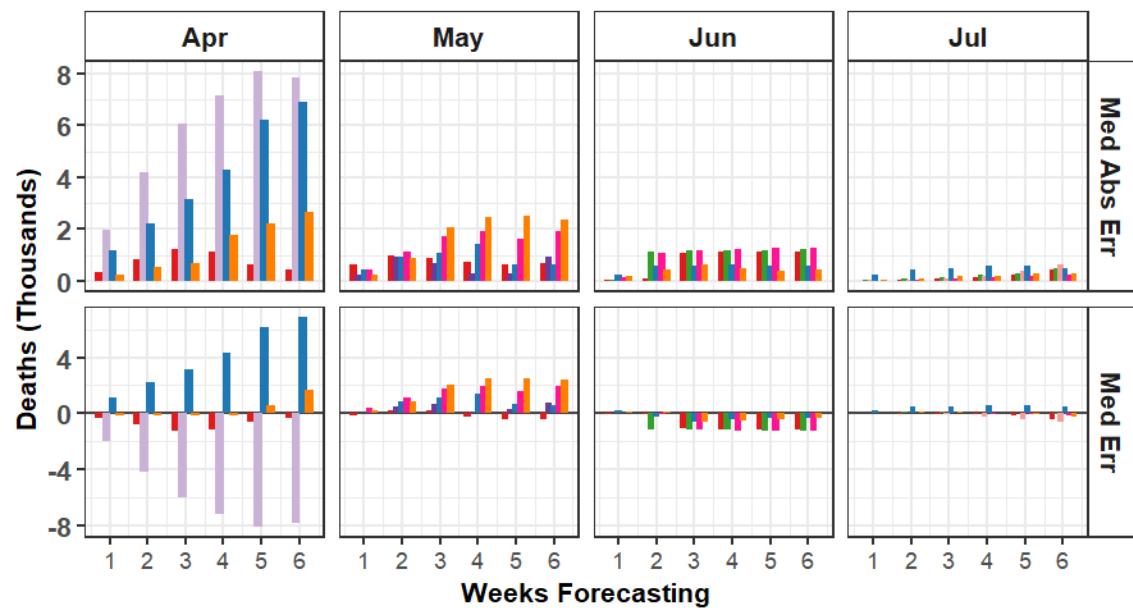


# Spain

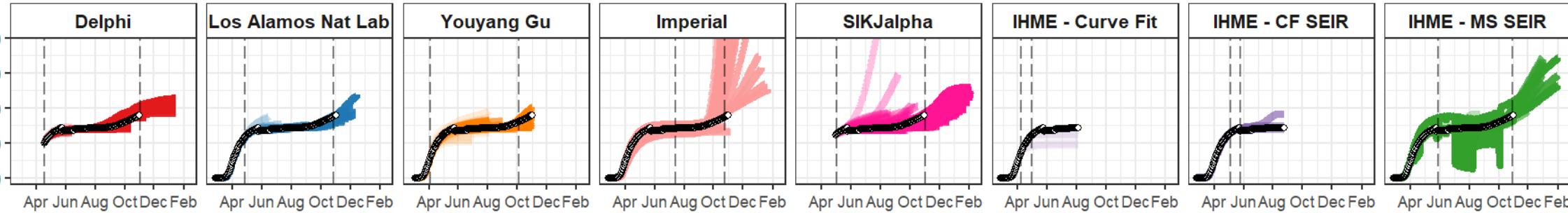
## Current Forecast



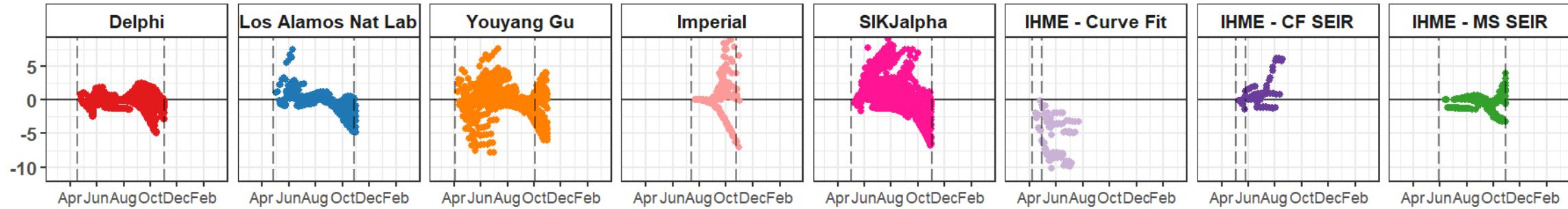
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

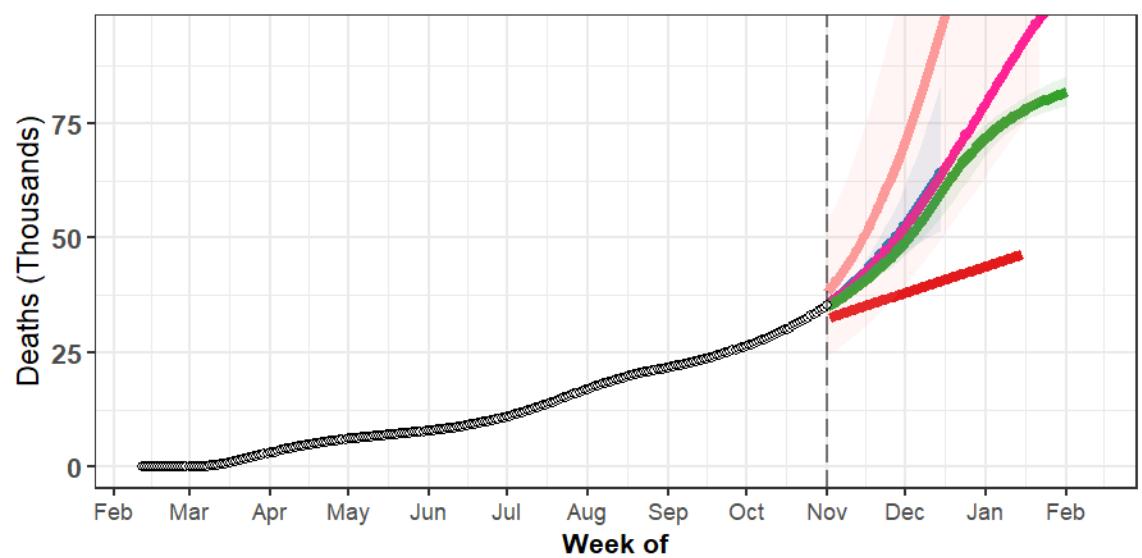


## All Cumulative Errors

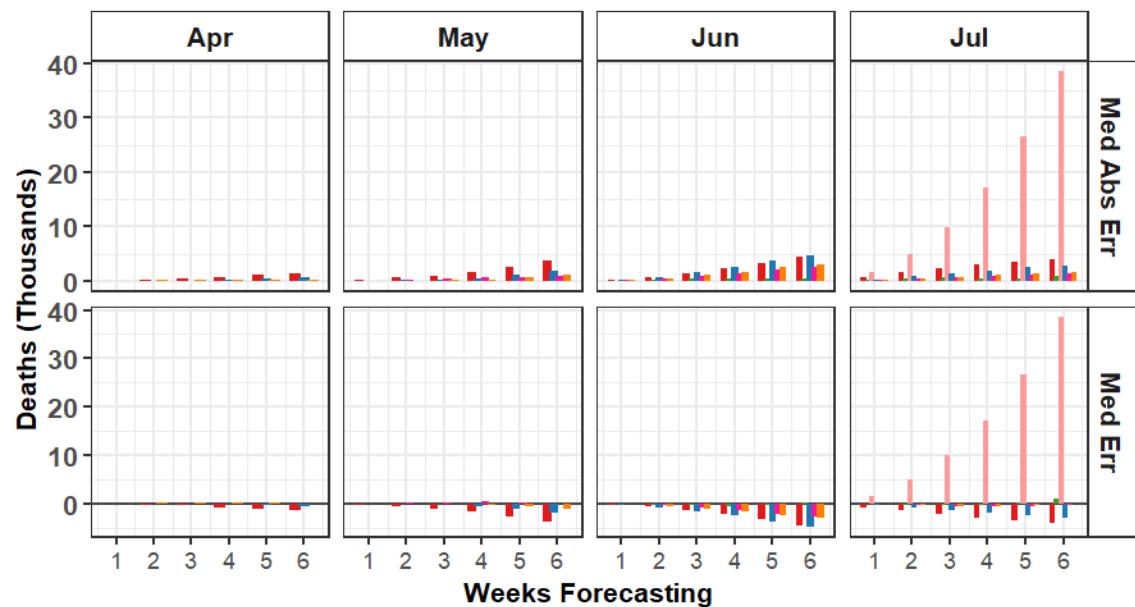


# Iran

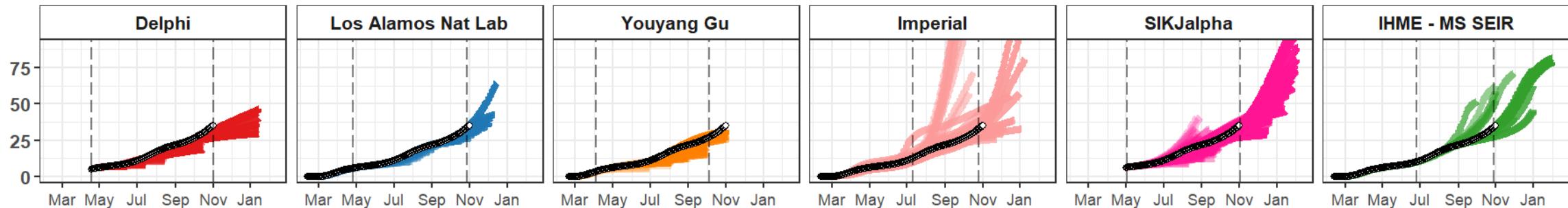
## Current Forecast



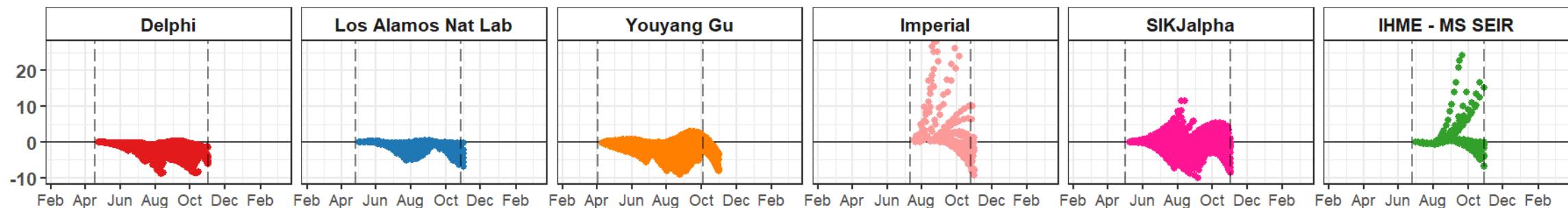
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

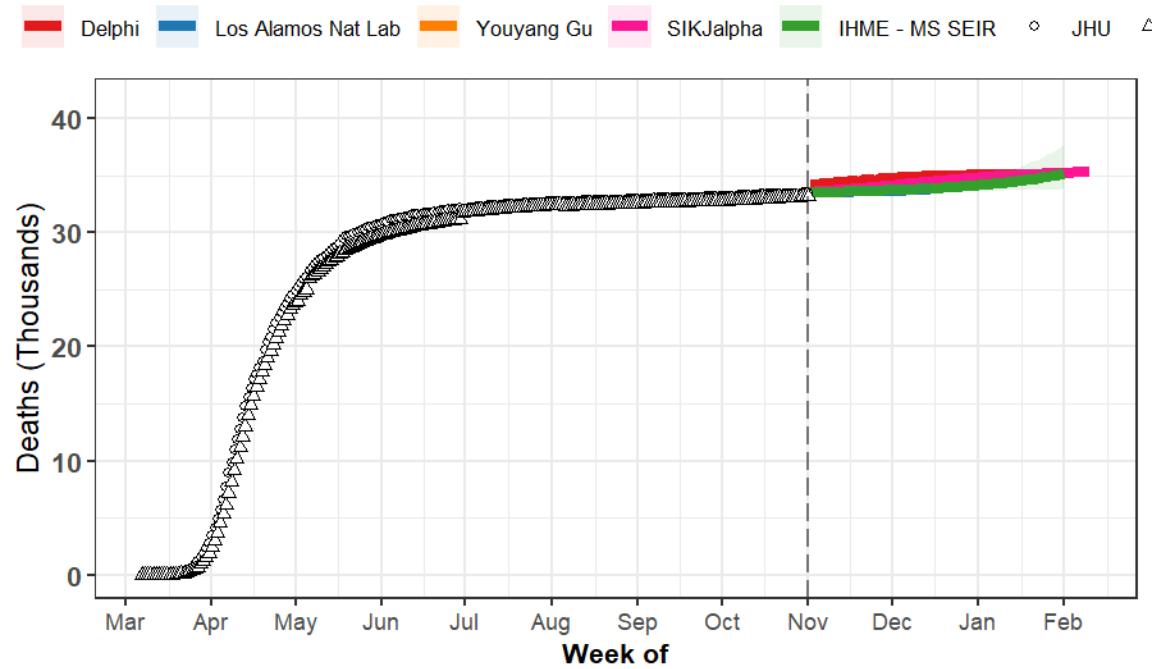


## All Cumulative Errors

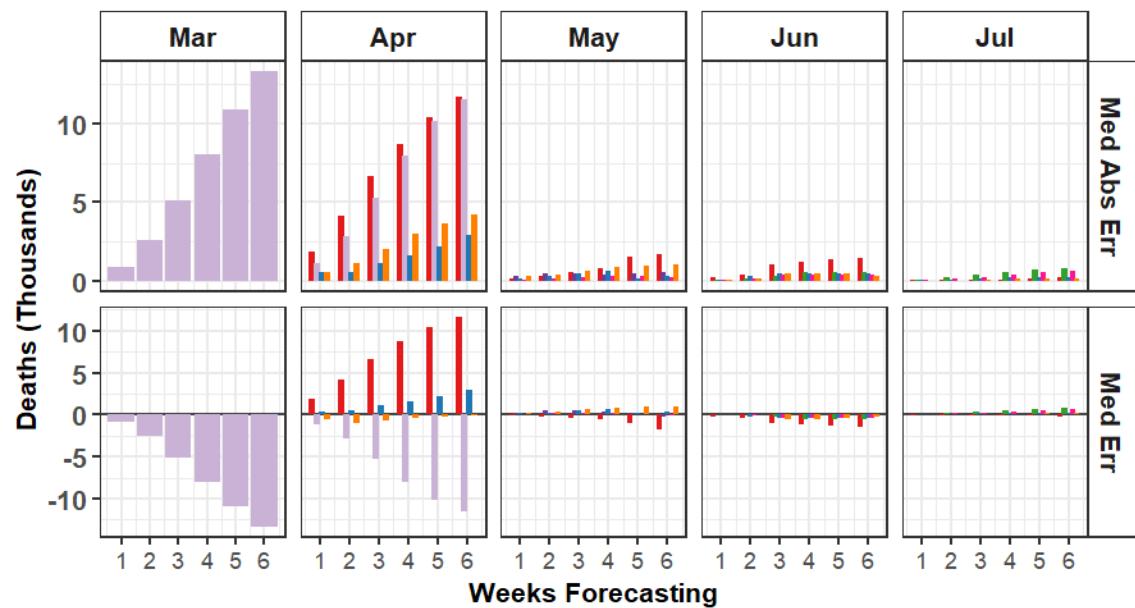


# New York

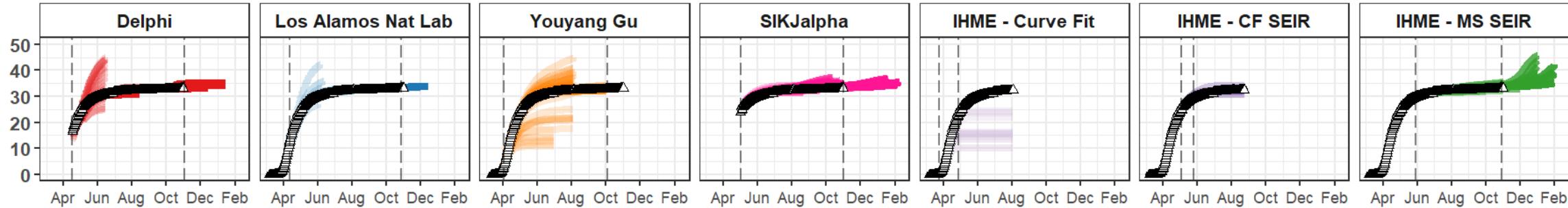
## Current Forecast



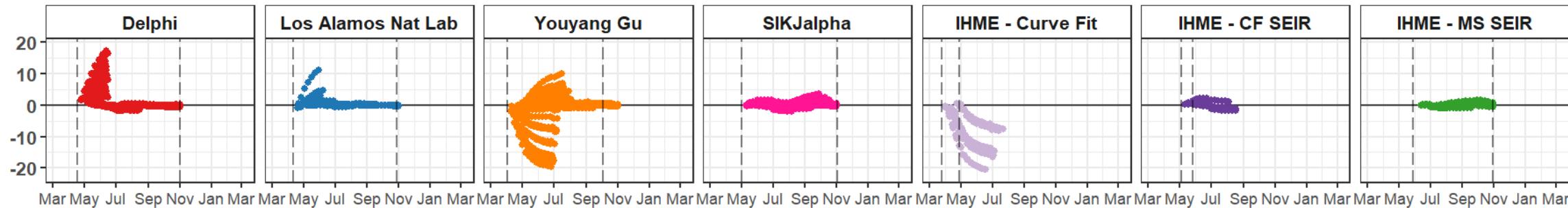
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

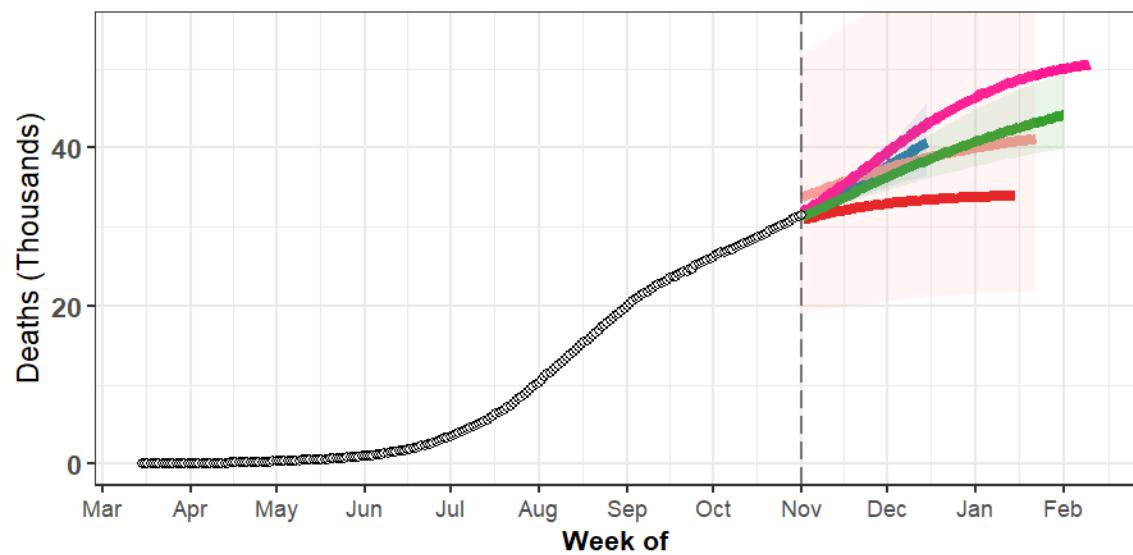


## All Cumulative Errors

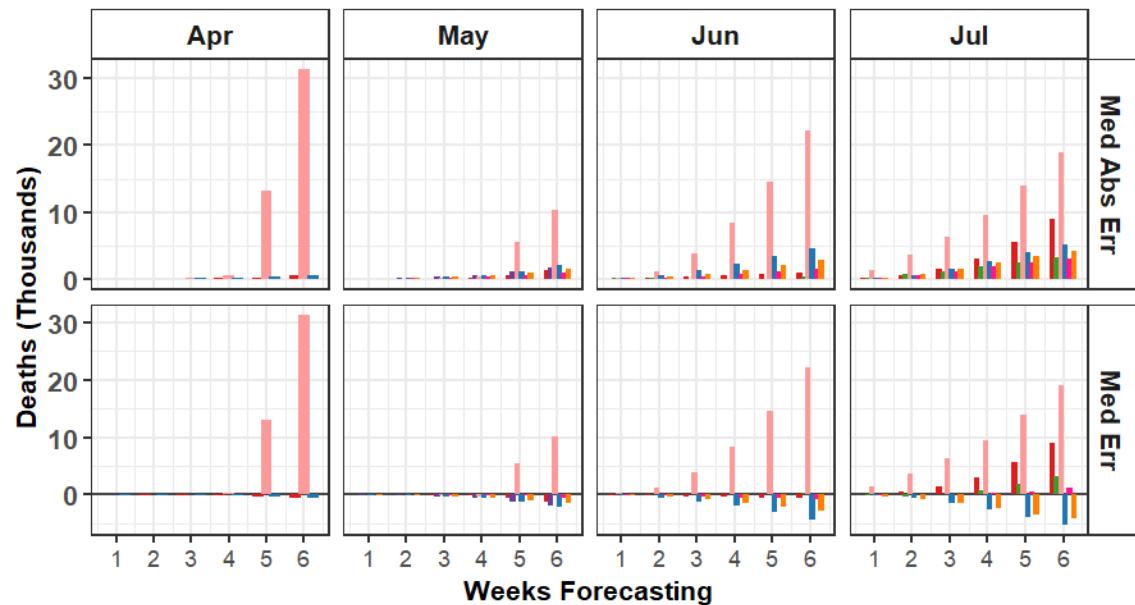


# Colombia

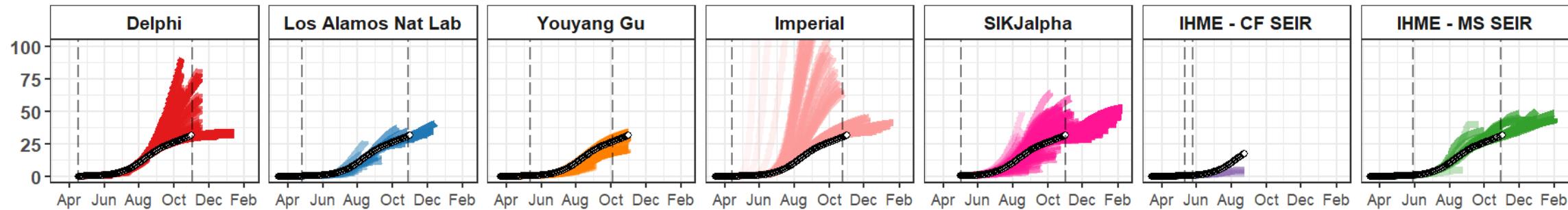
## Current Forecast



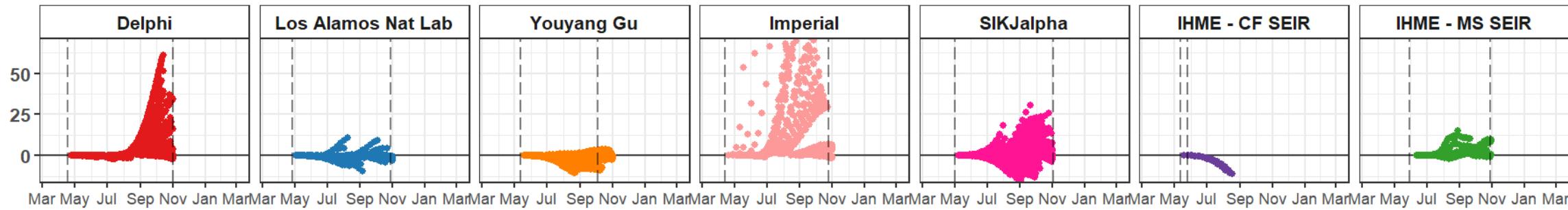
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

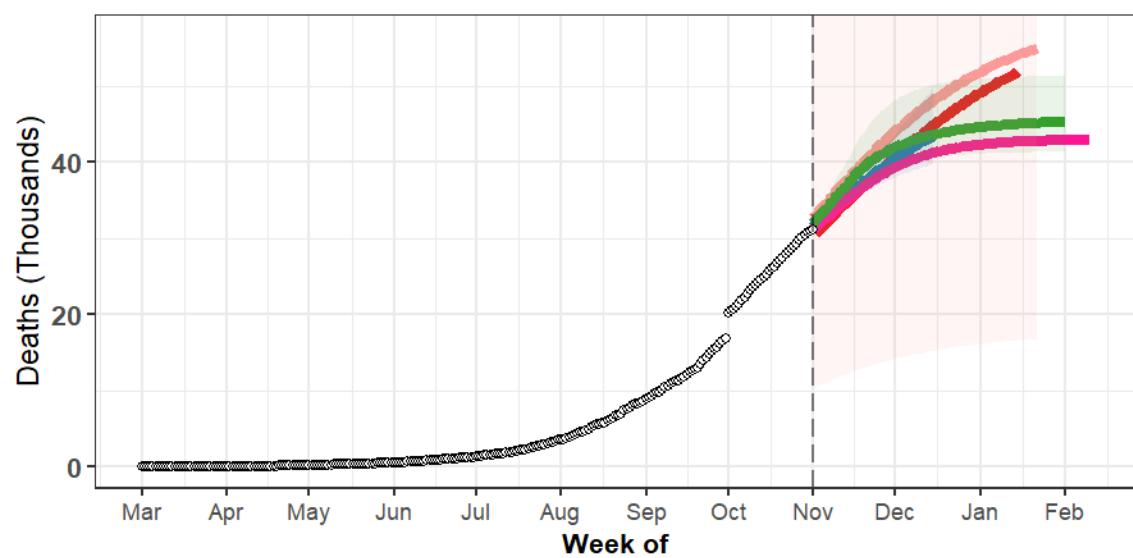


## All Cumulative Errors

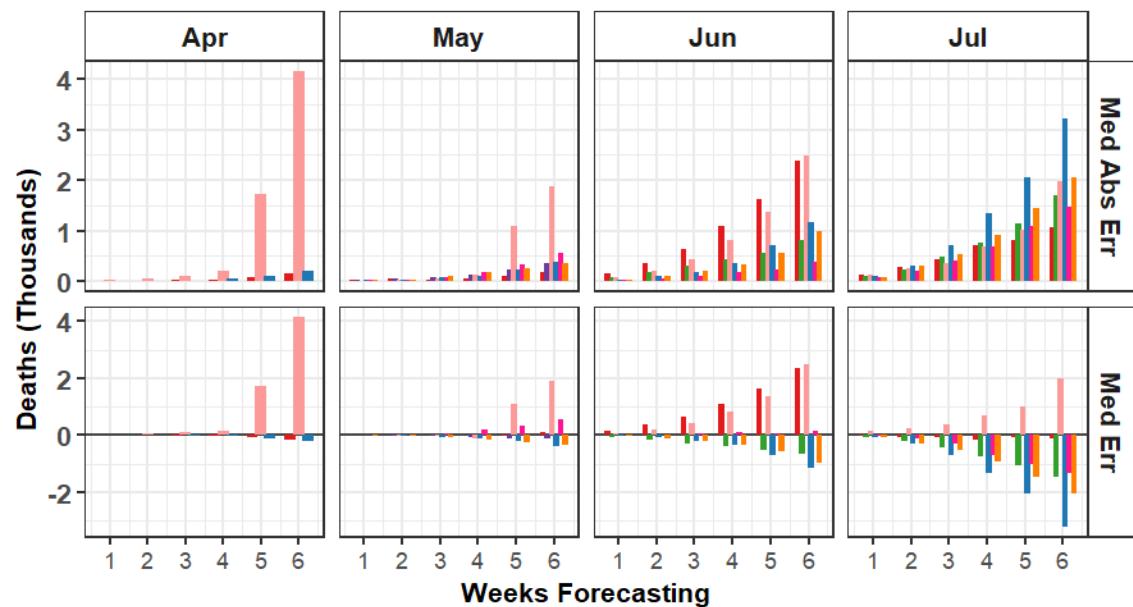


# Argentina

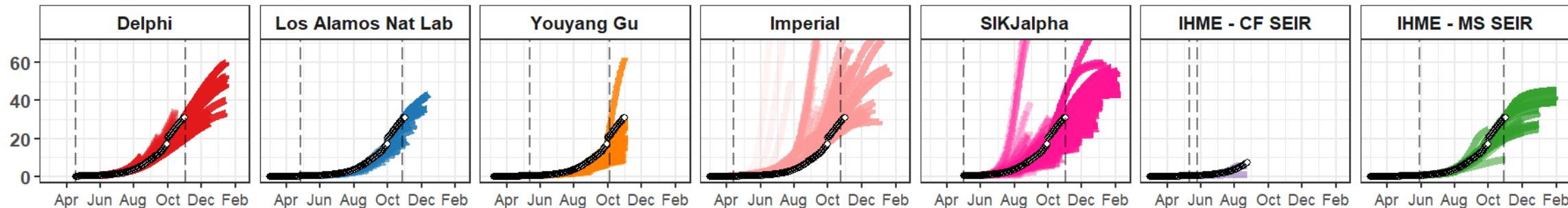
## Current Forecast



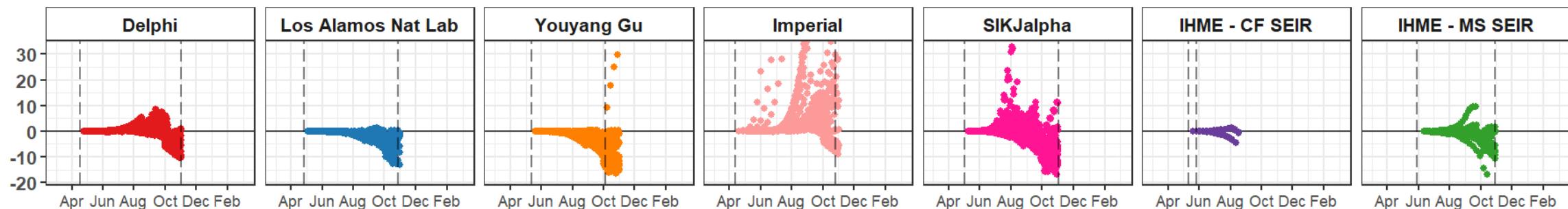
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

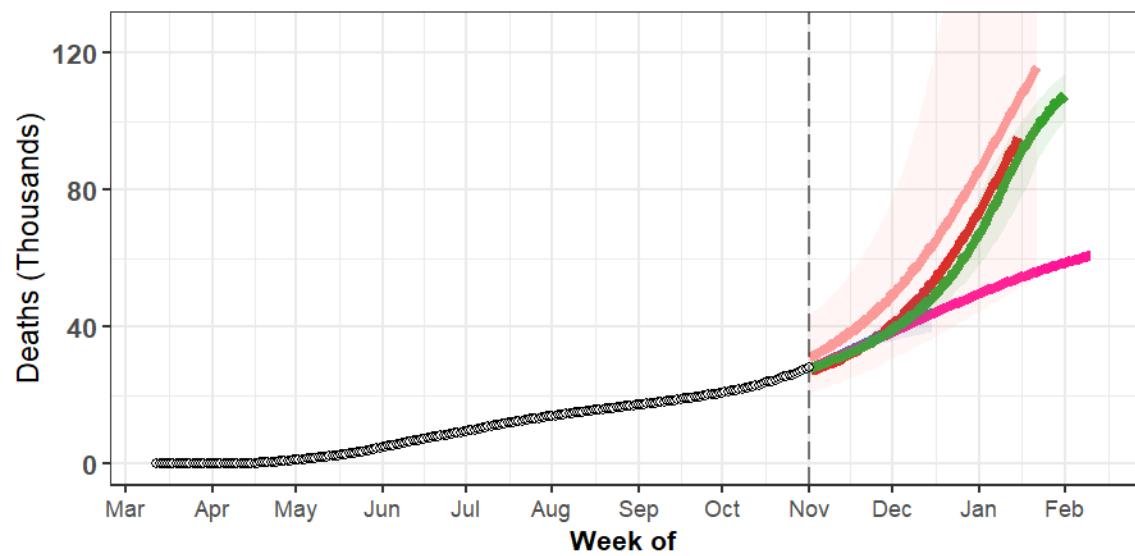


## All Cumulative Errors

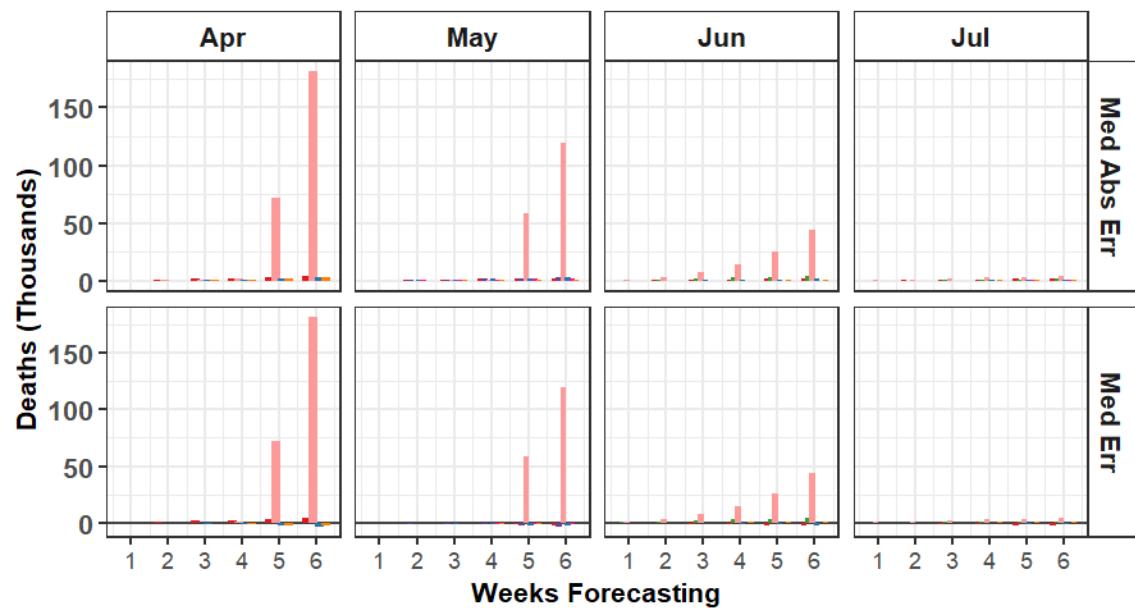


# Russian Federation

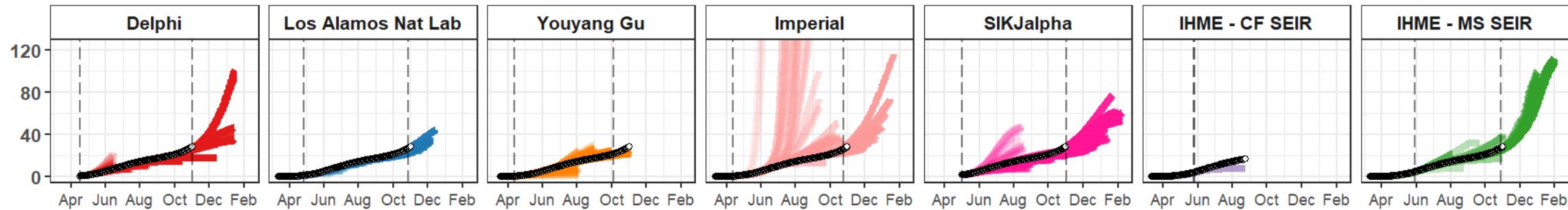
## Current Forecast



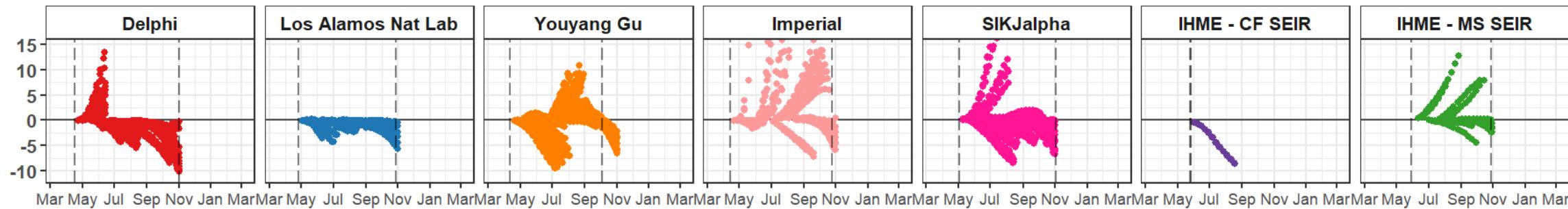
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

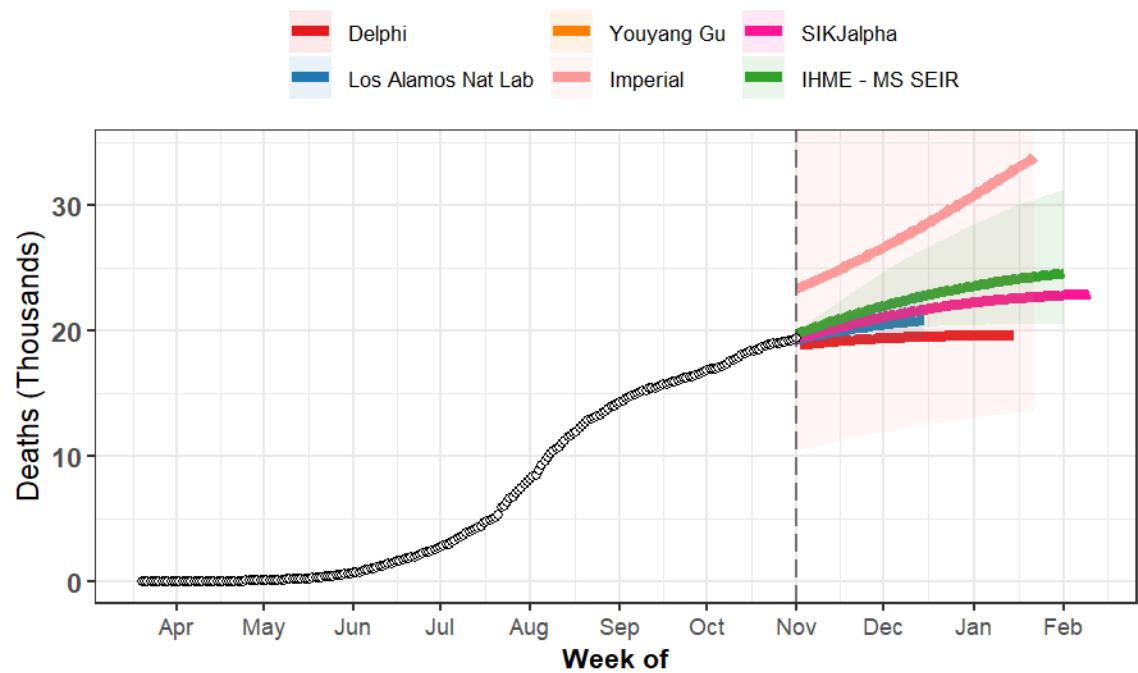


## All Cumulative Errors

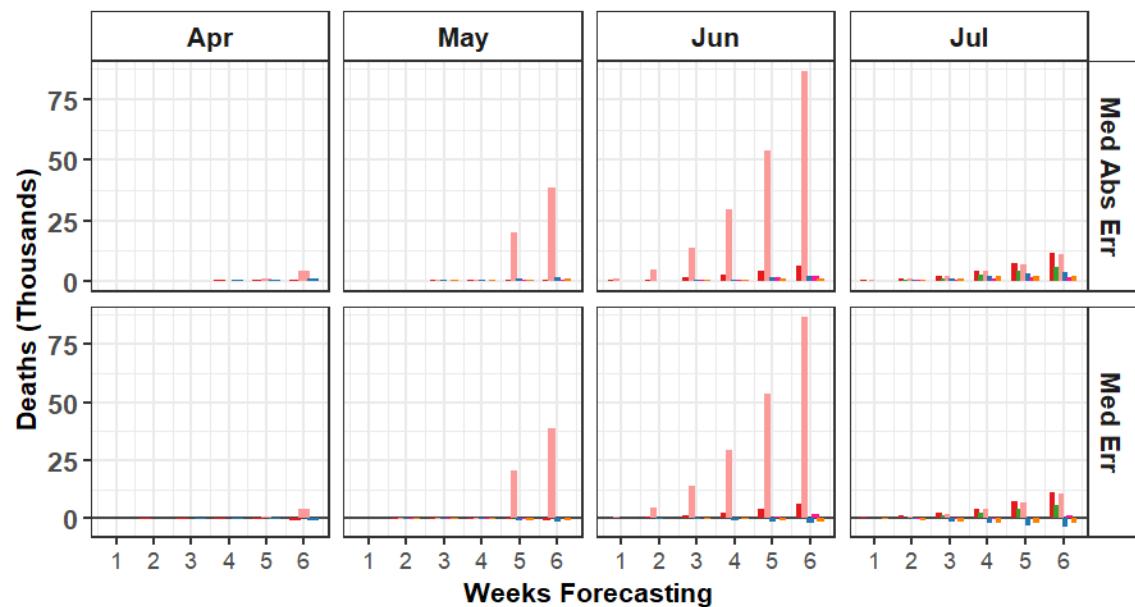


# South Africa

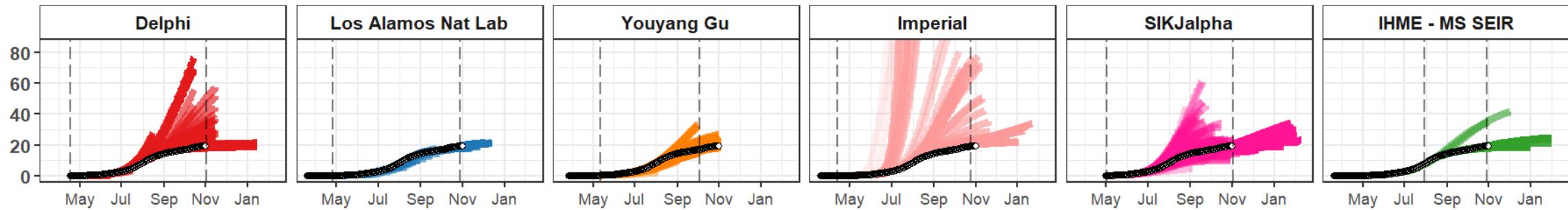
## Current Forecast



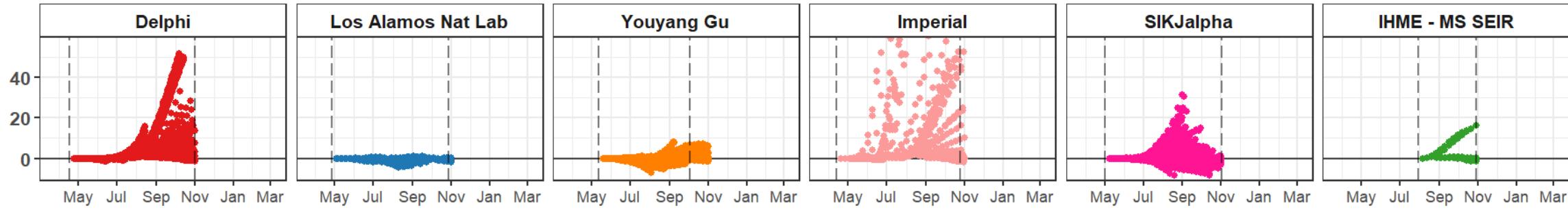
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

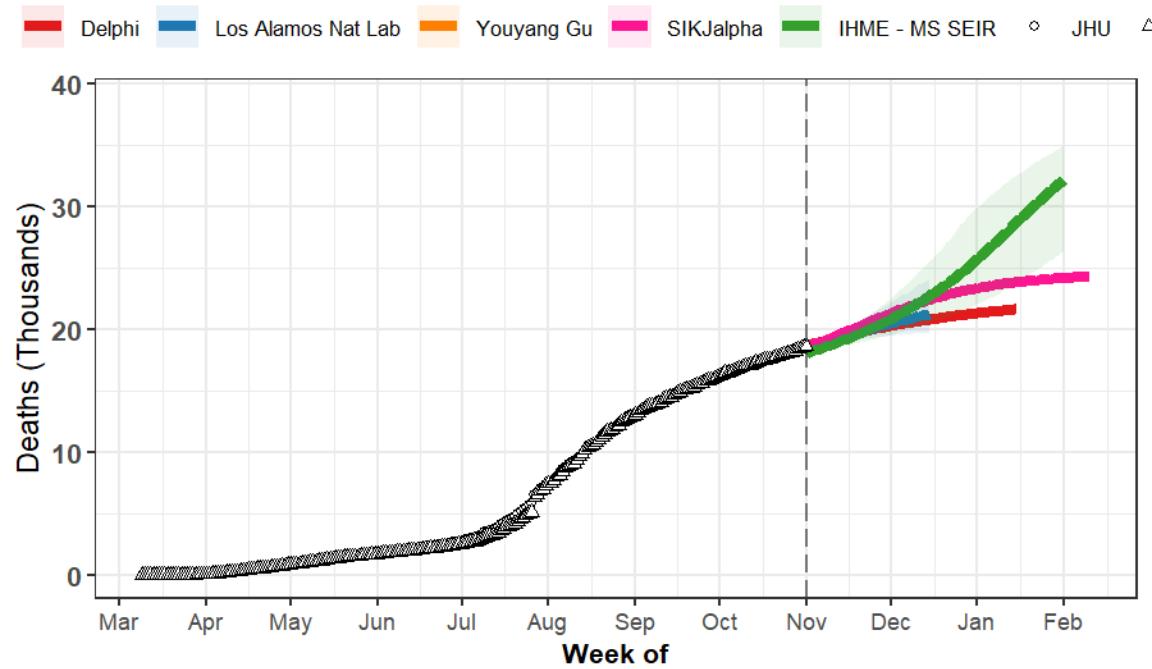


## All Cumulative Errors

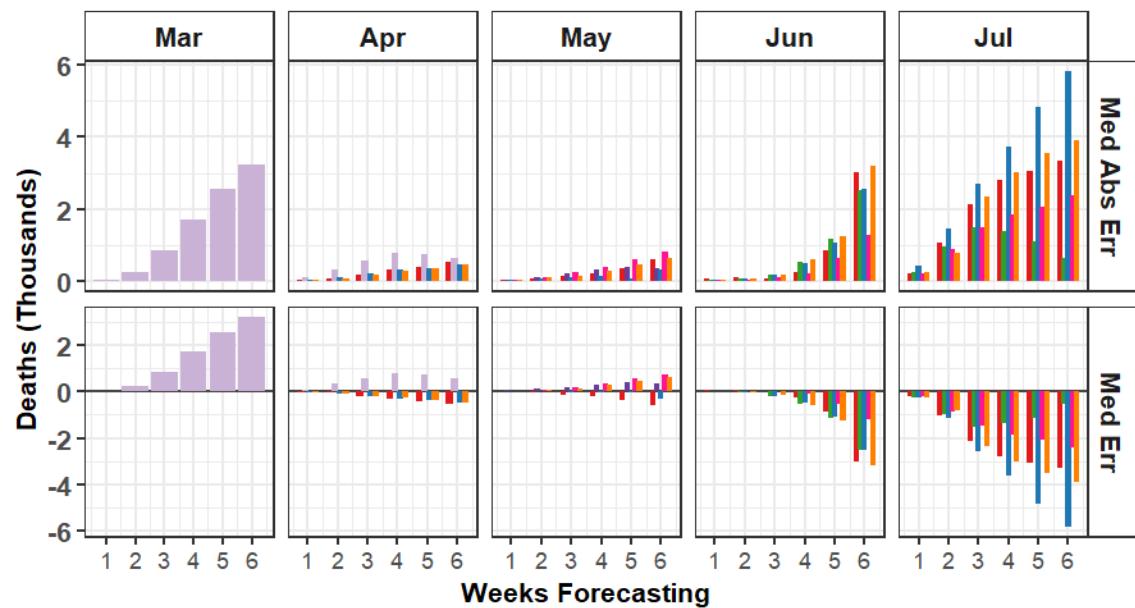


# Texas

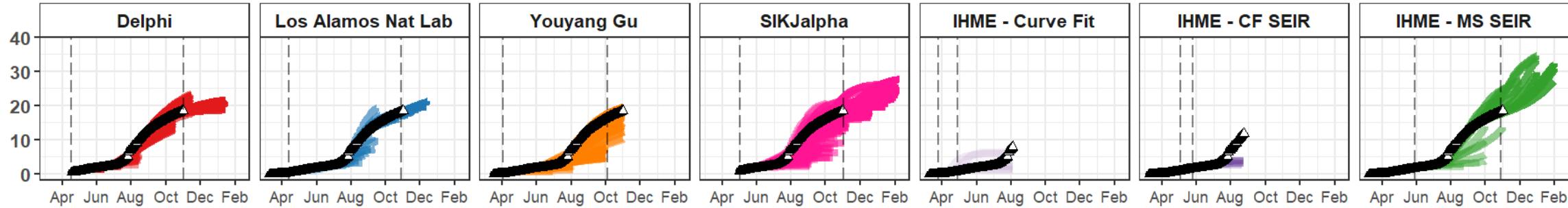
## Current Forecast



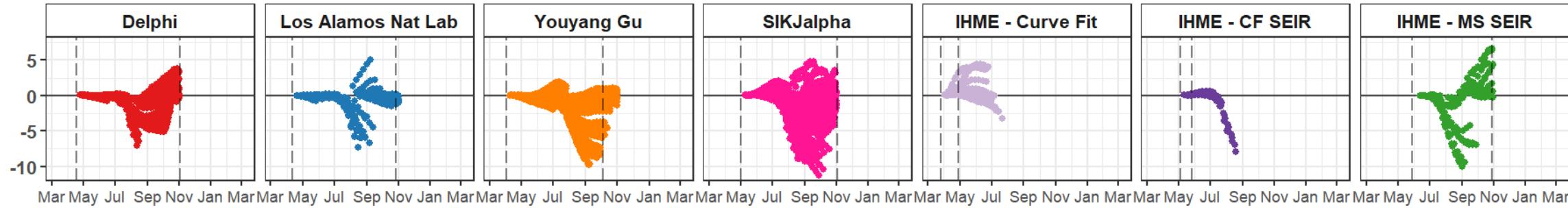
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

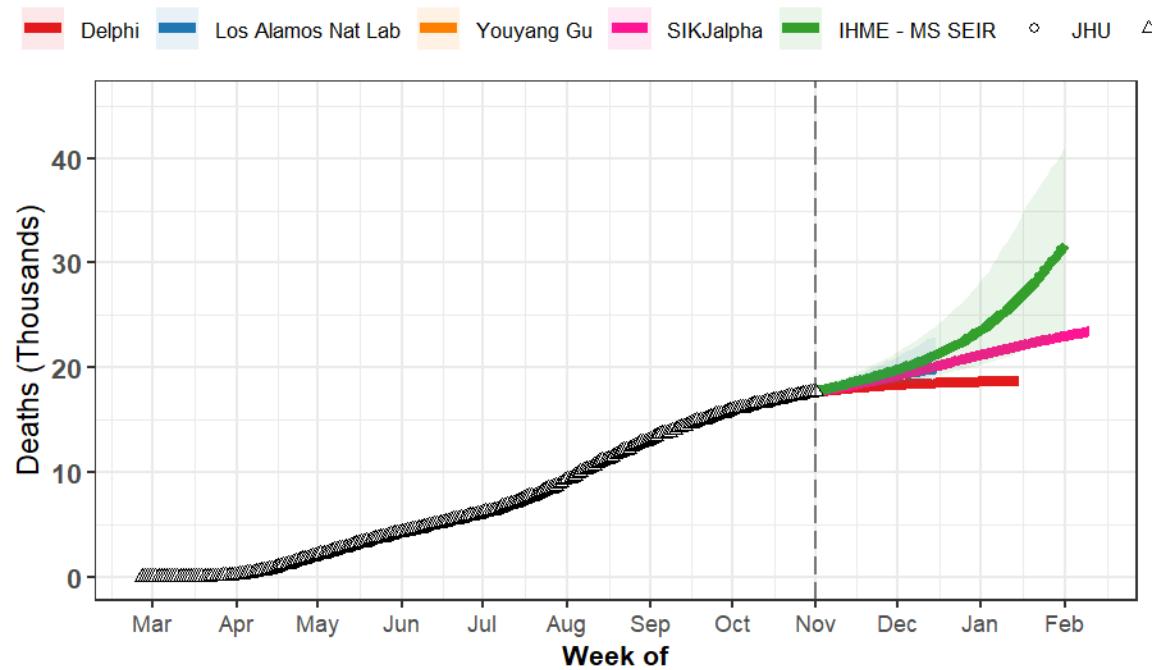


## All Cumulative Errors

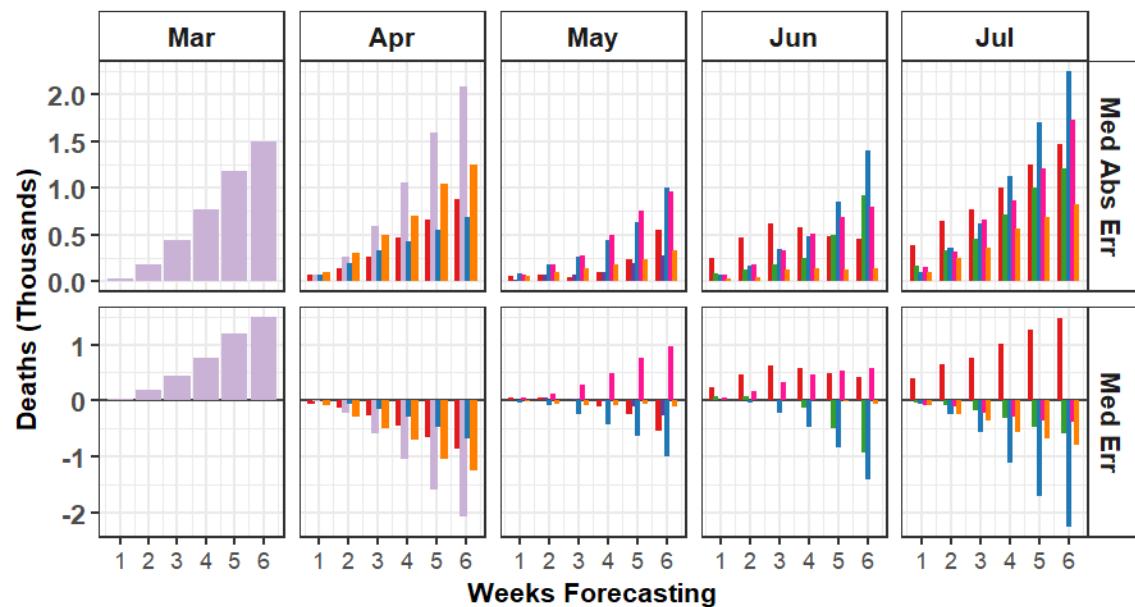


# California

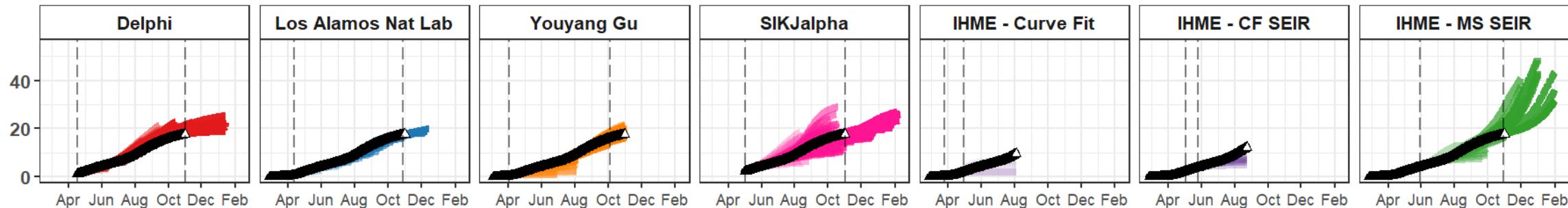
## Current Forecast



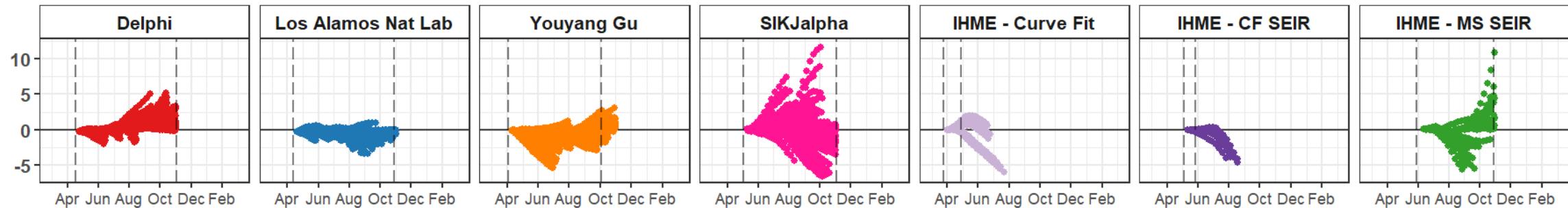
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

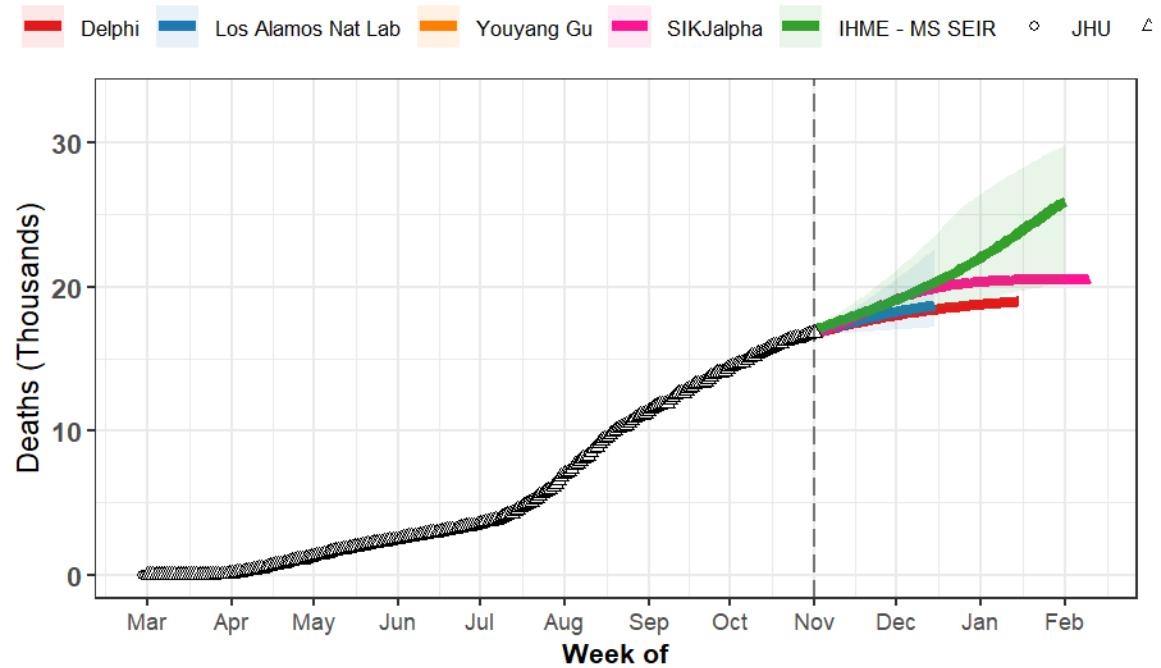


## All Cumulative Errors

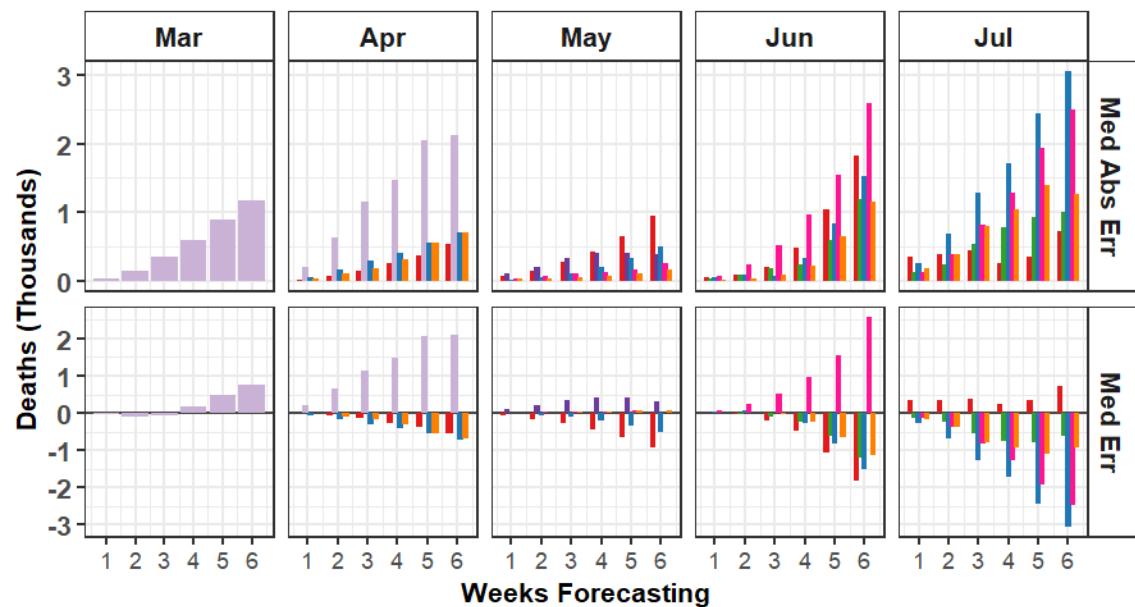


# Florida

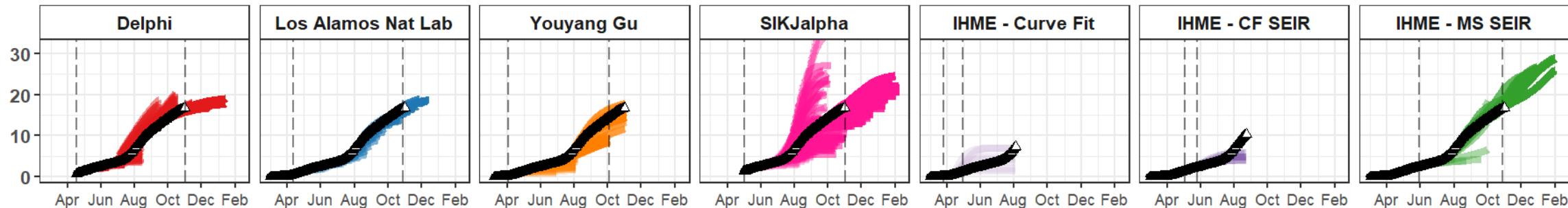
## Current Forecast



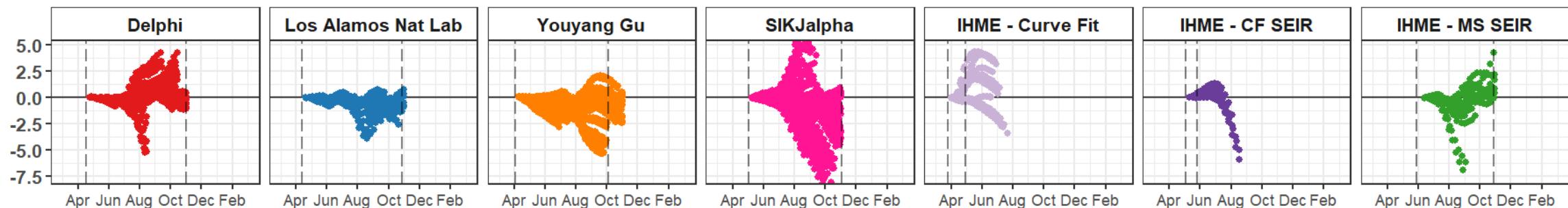
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

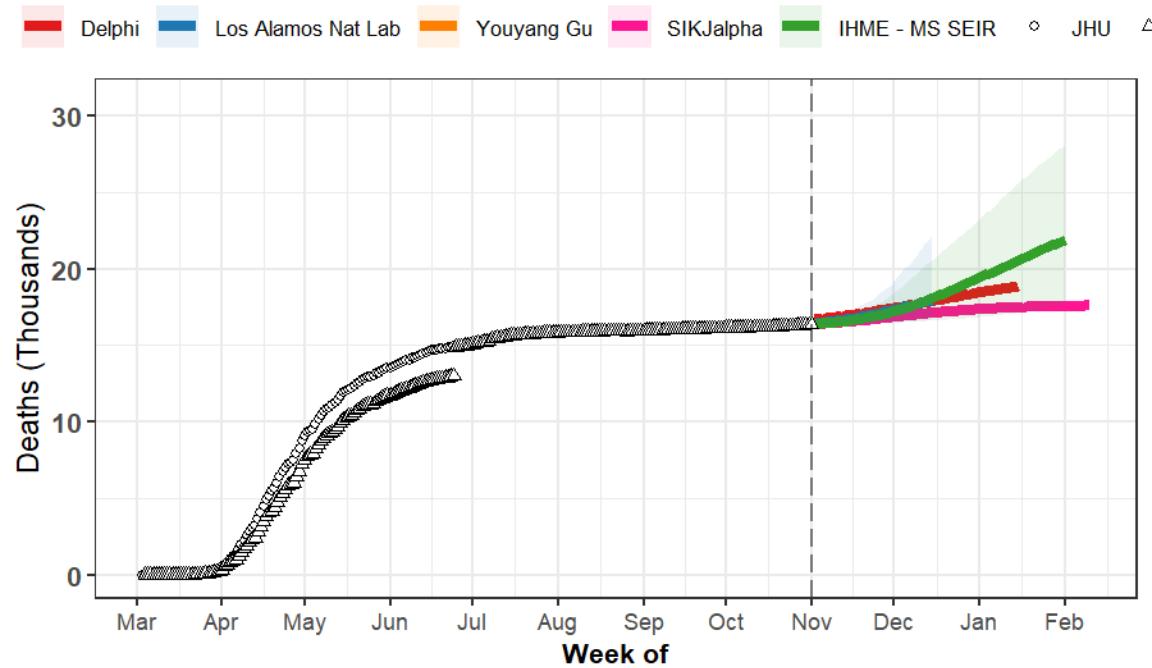


## All Cumulative Errors

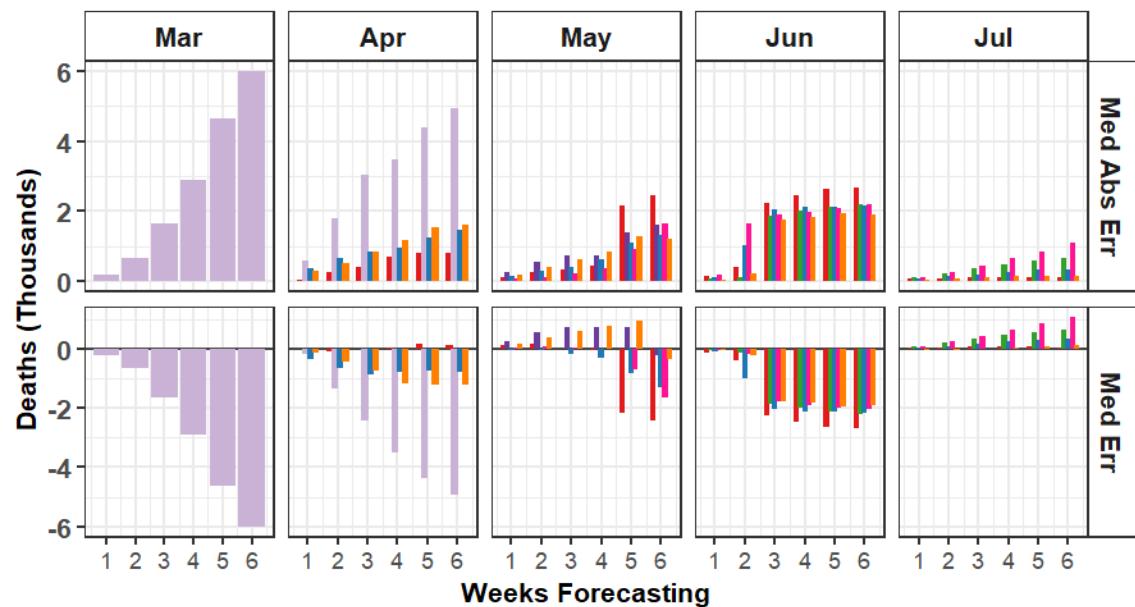


## New Jersey

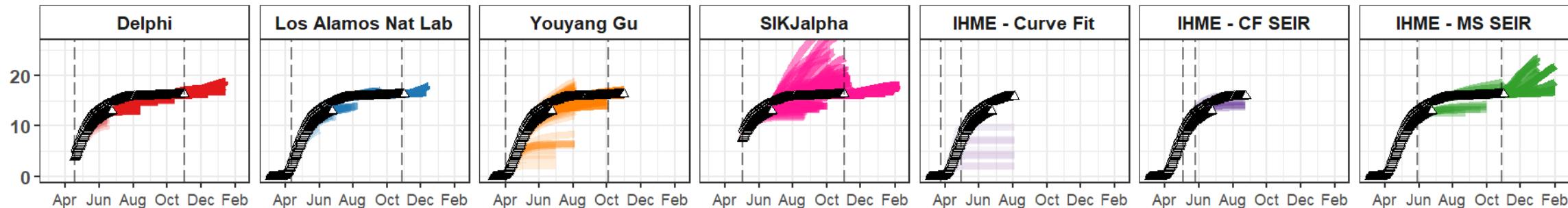
## **Current Forecast**



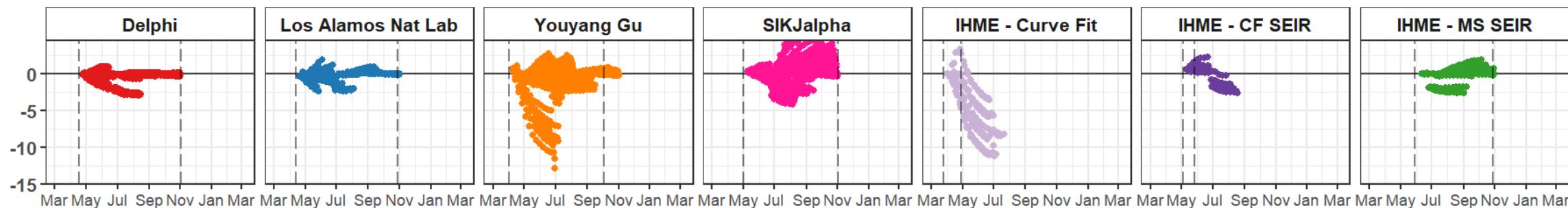
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

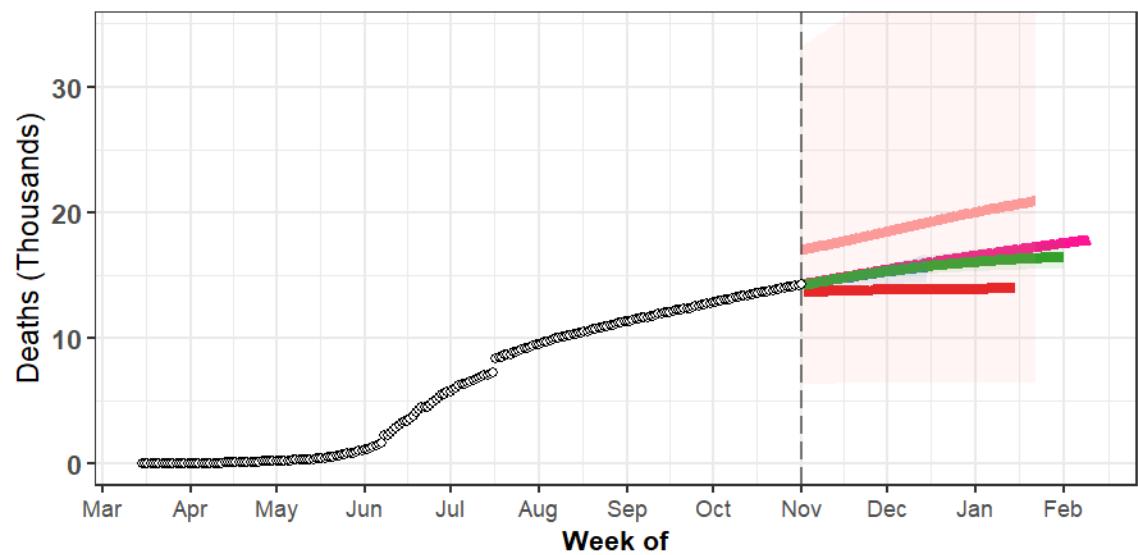


## All Cumulative Errors

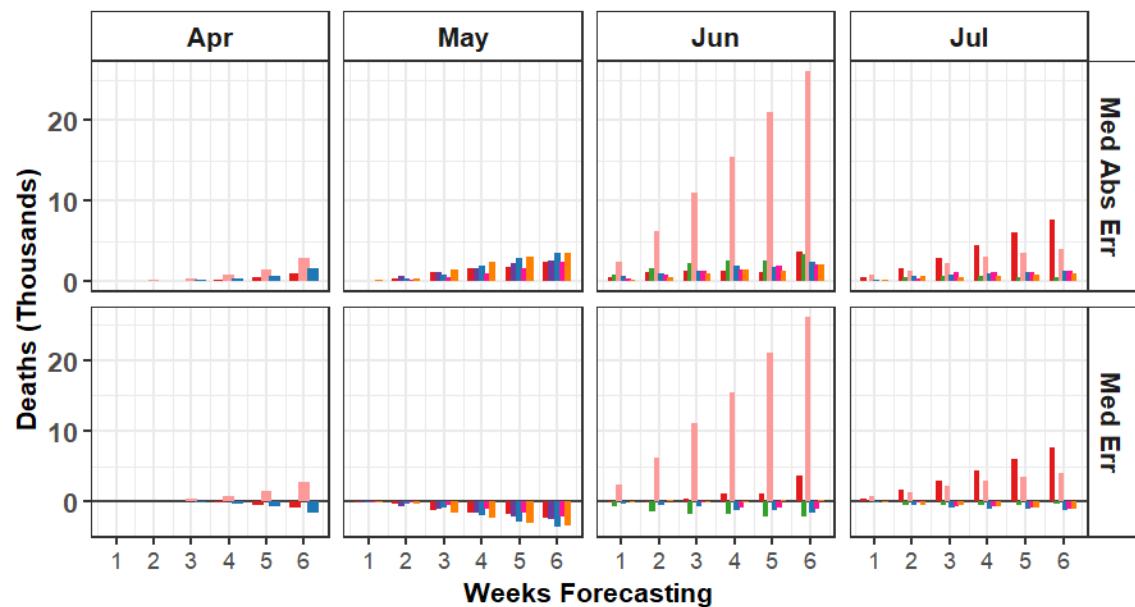


# Chile

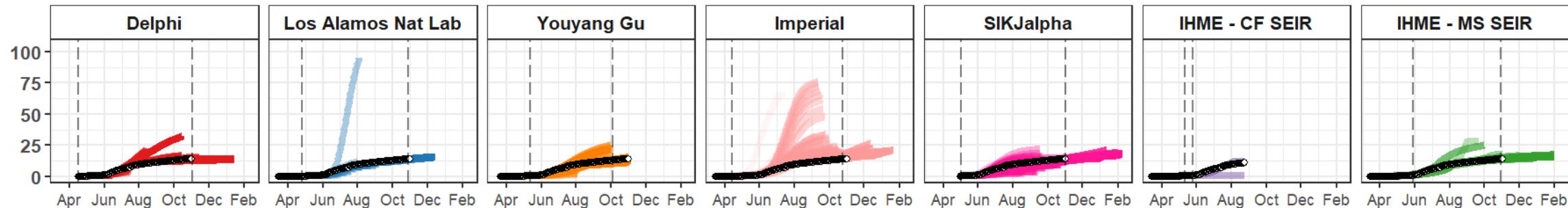
## Current Forecast



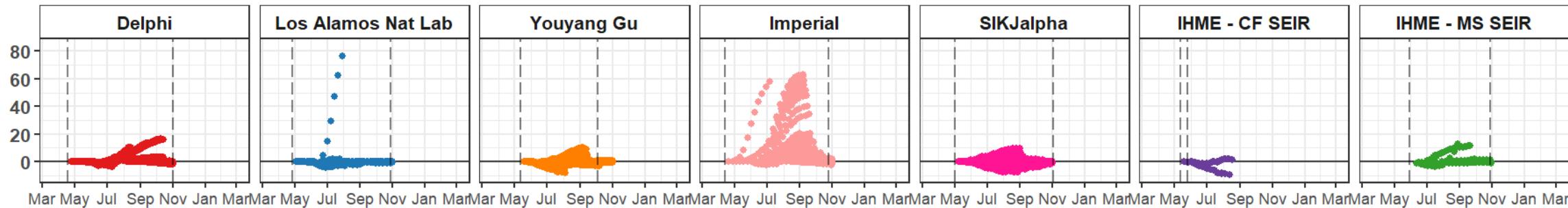
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



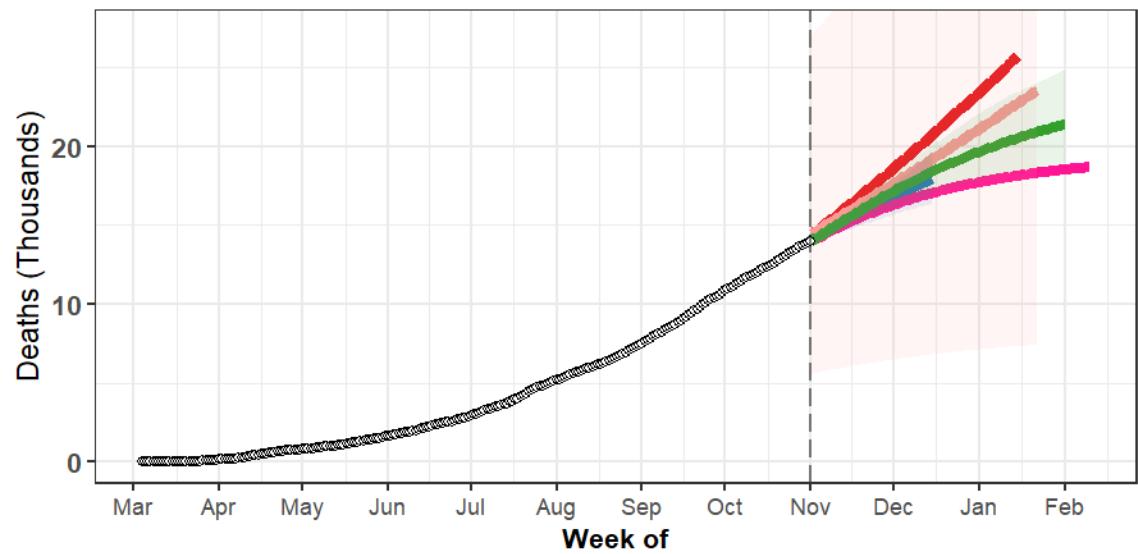
## All Cumulative Errors



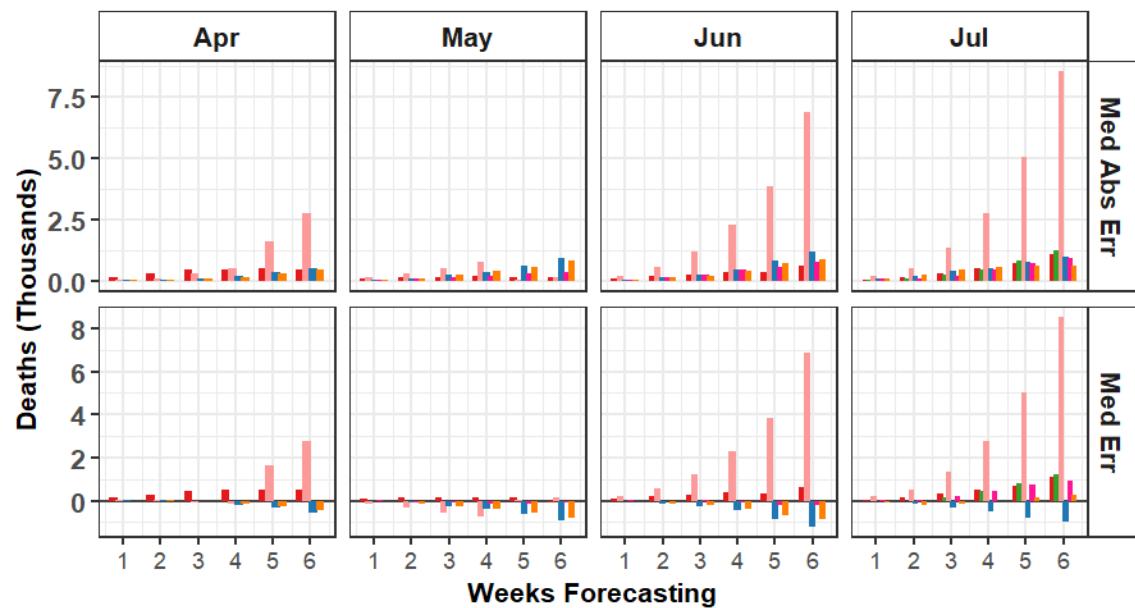
# Indonesia

## Current Forecast

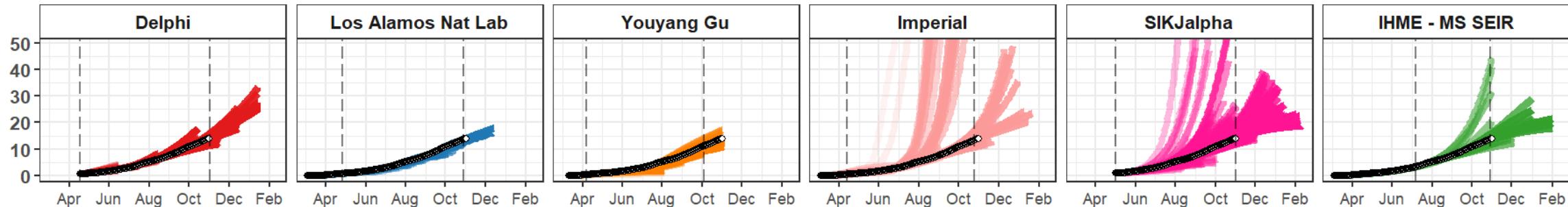
— Delphi      — Youyang Gu      — SIKJalpha  
— Los Alamos Nat Lab      — Imperial      — IHME - MS SEIR



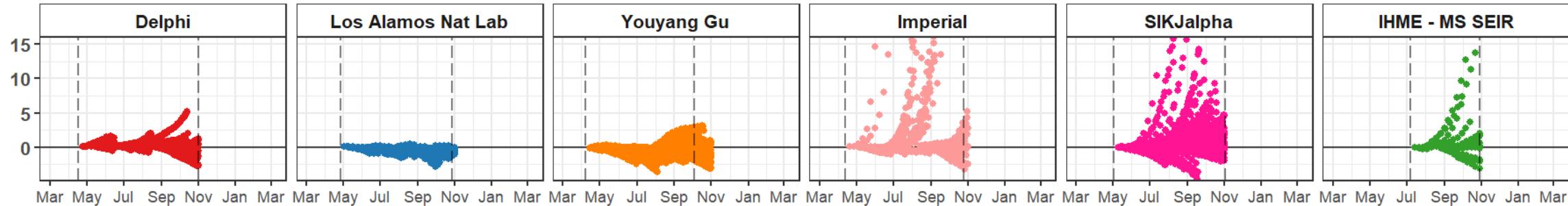
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

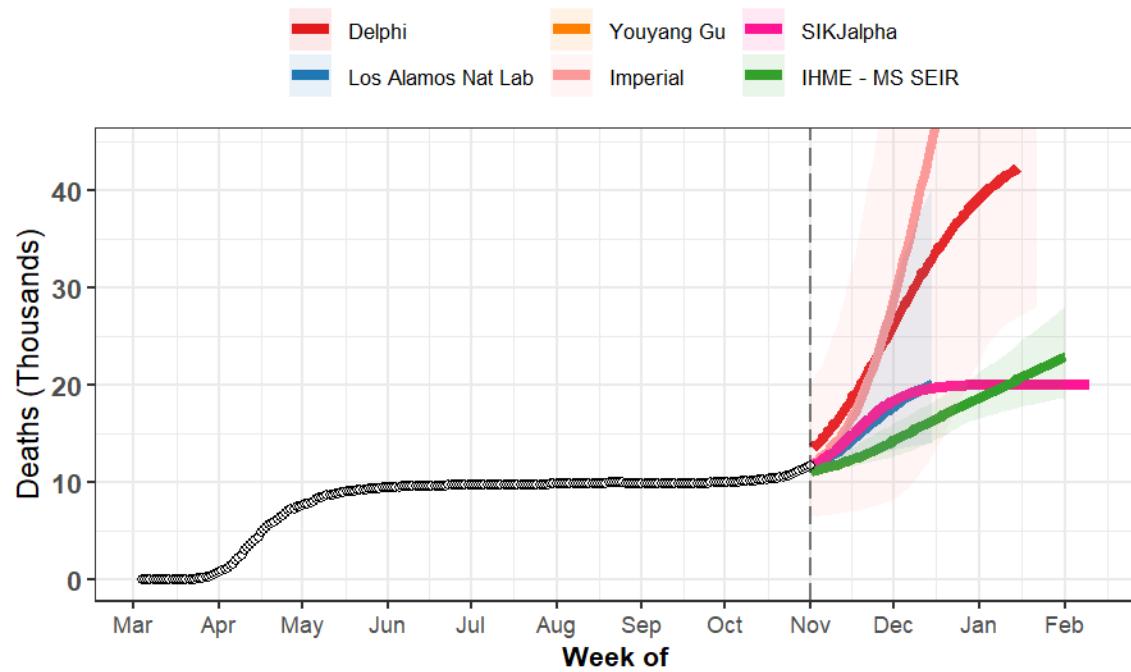


## All Cumulative Errors

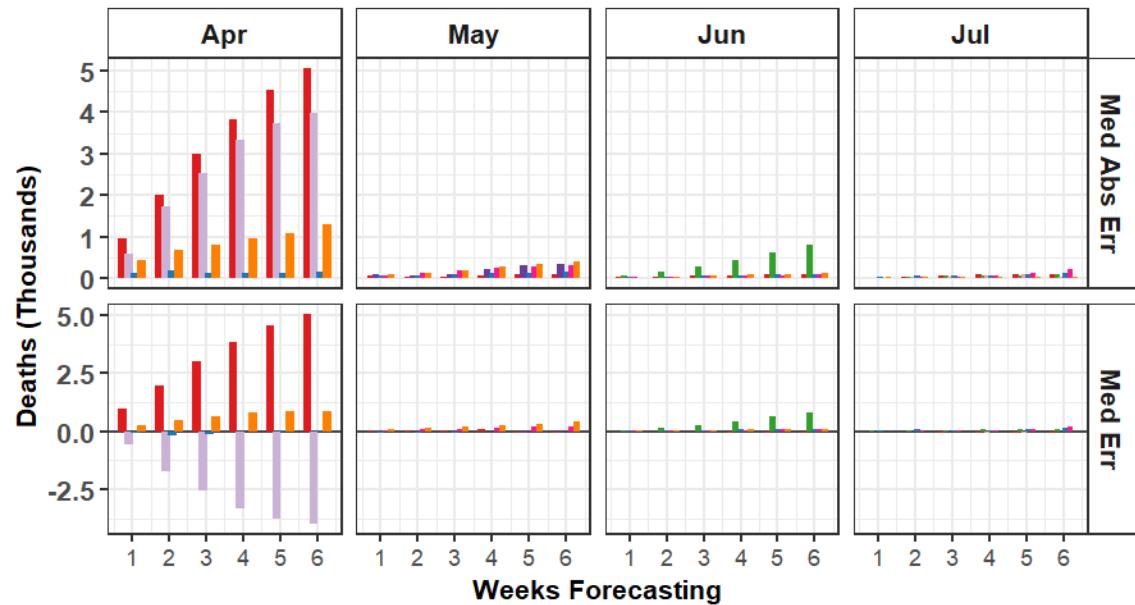


# Belgium

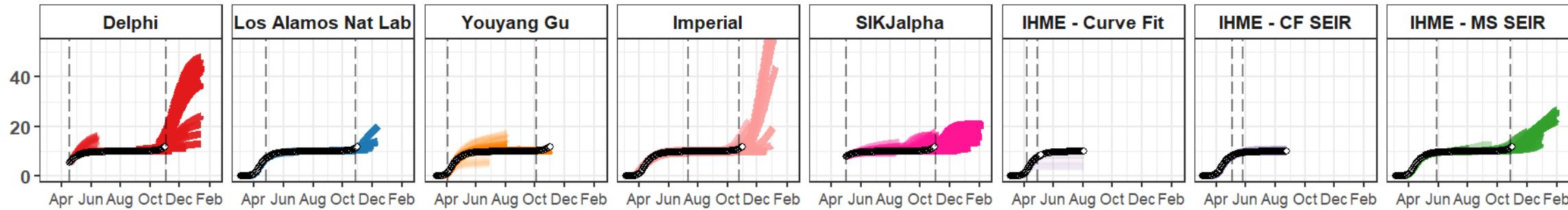
## Current Forecast



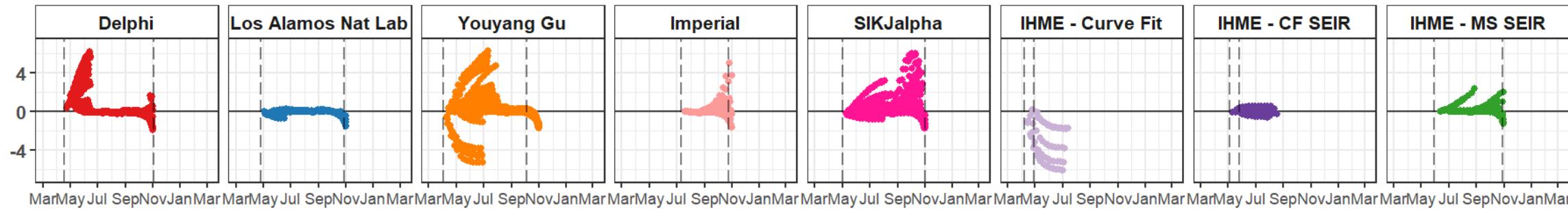
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



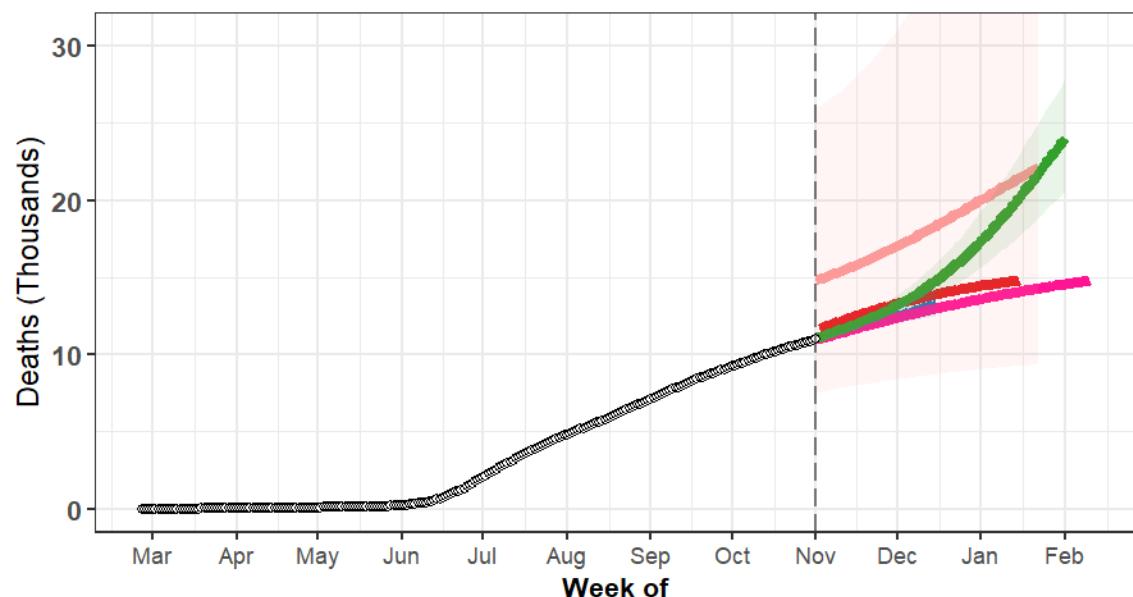
## All Cumulative Errors



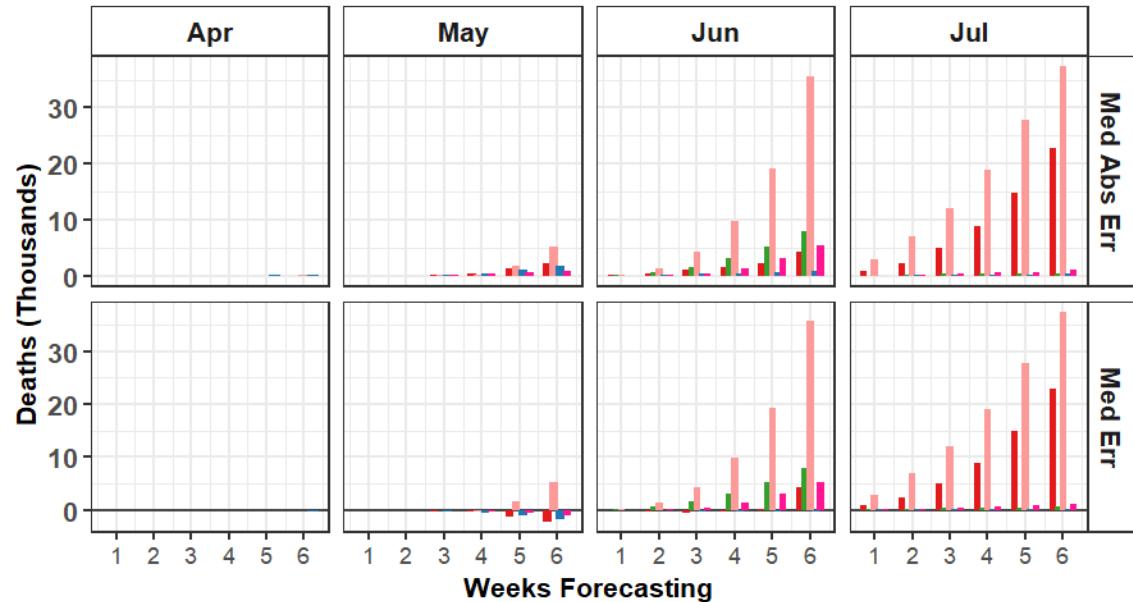
# Iraq

## Current Forecast

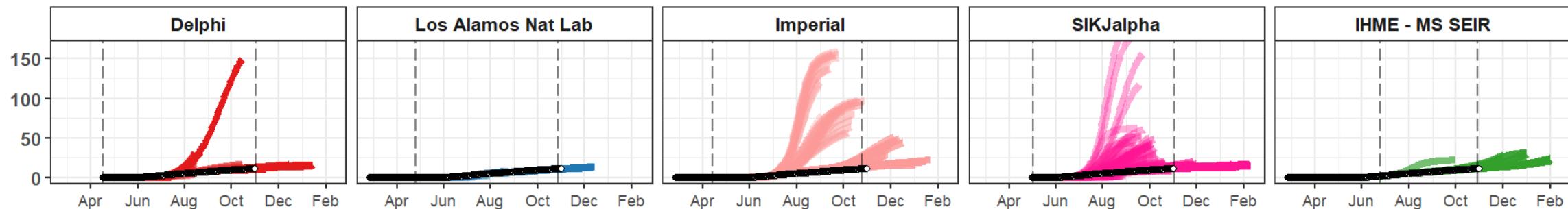
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



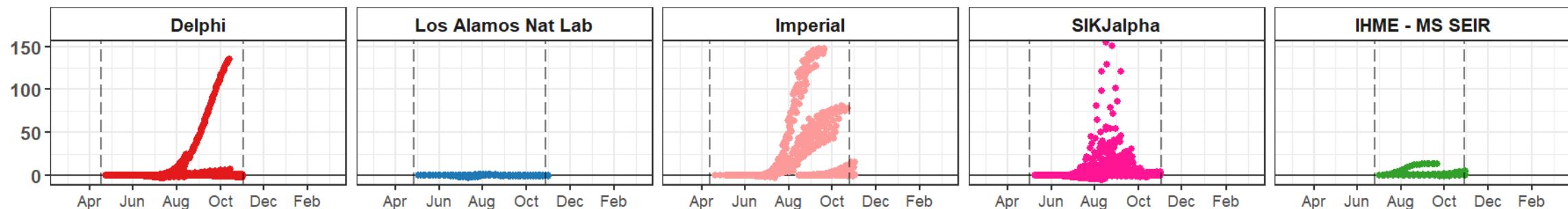
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

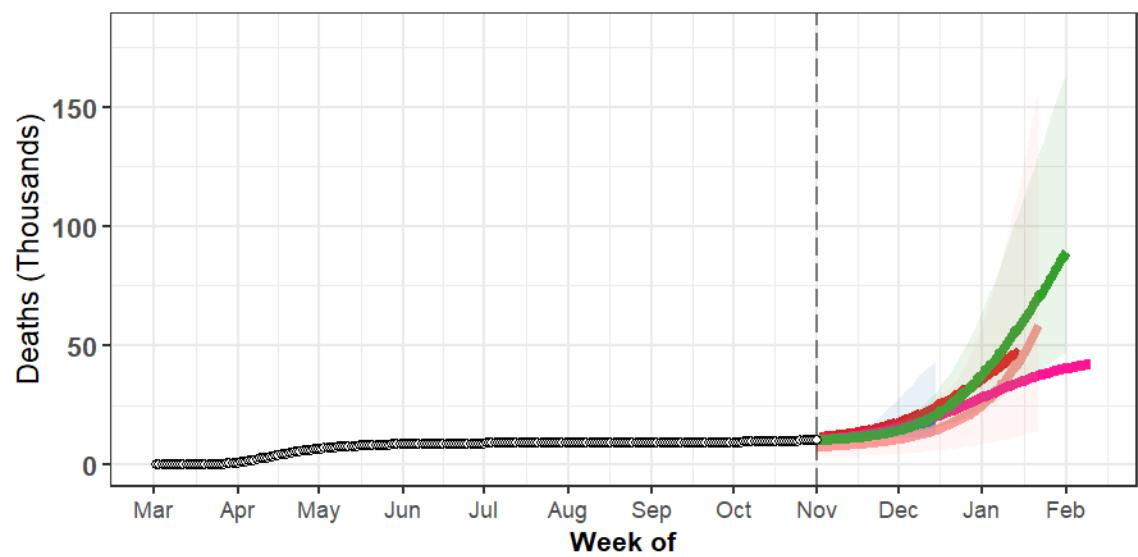


## All Cumulative Errors

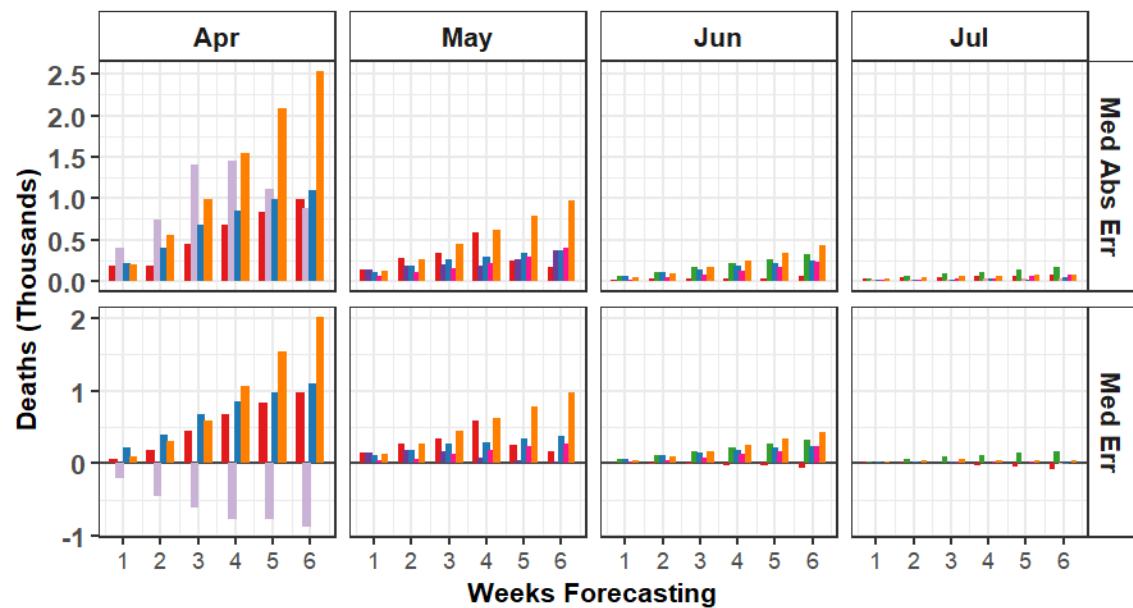


# Germany

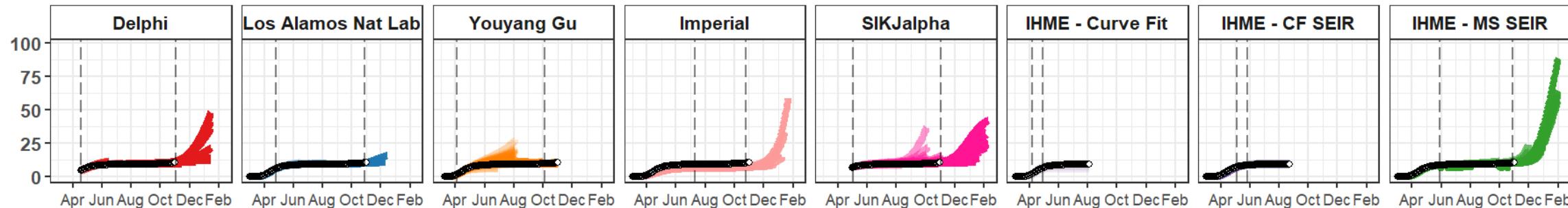
## Current Forecast



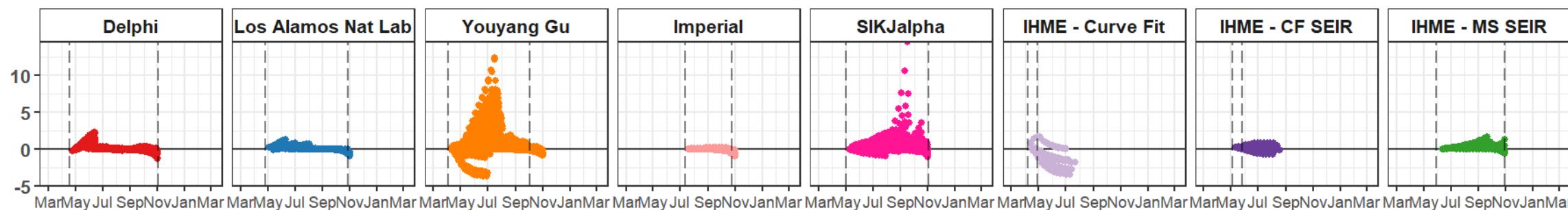
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

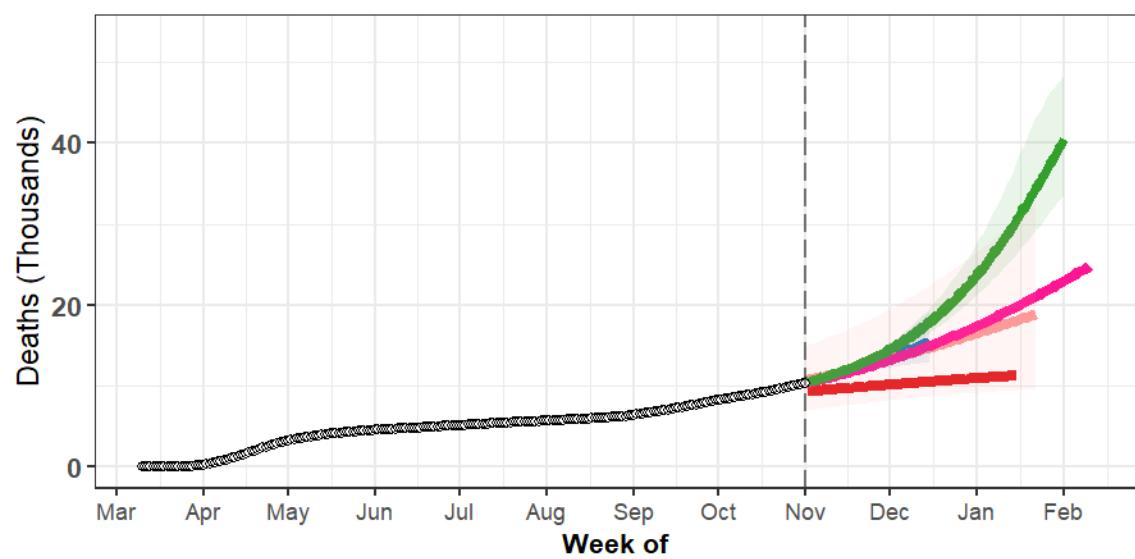


## All Cumulative Errors

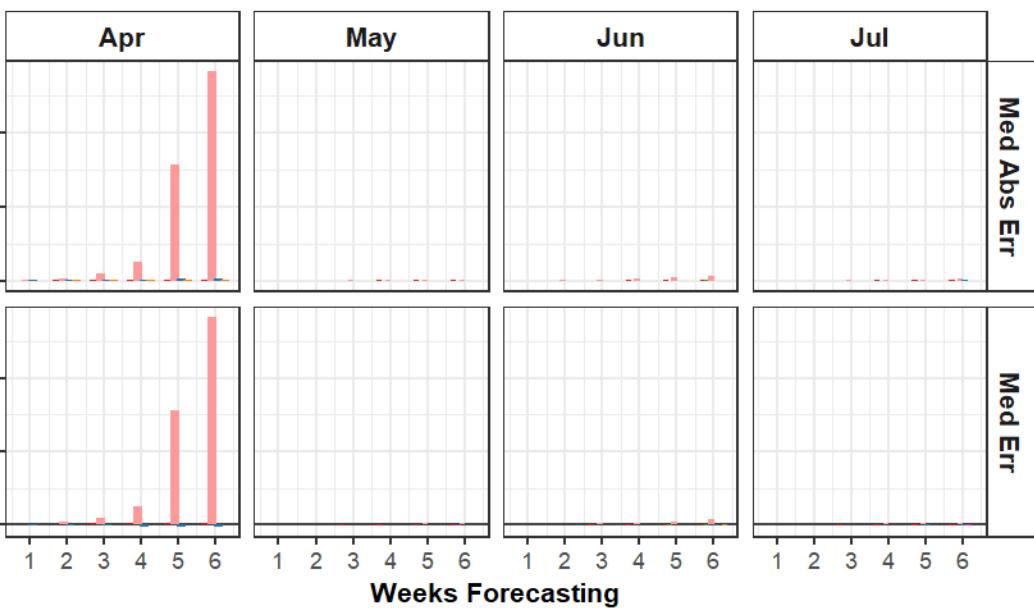


# Turkey

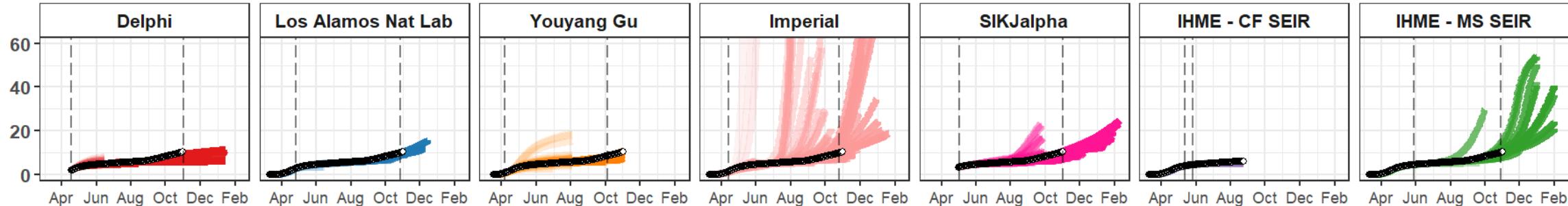
## Current Forecast



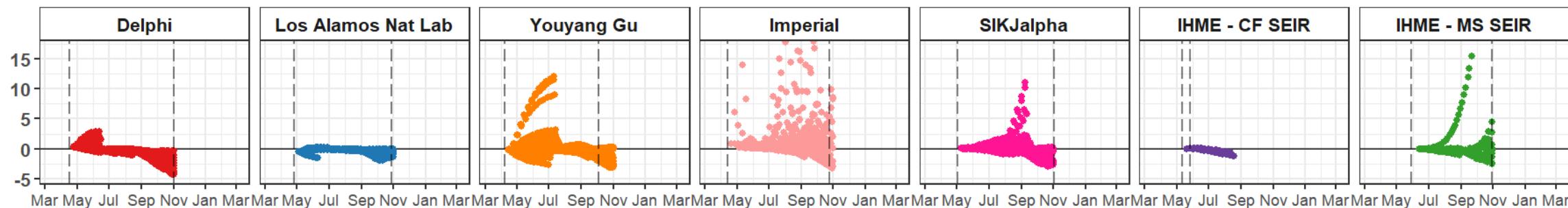
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

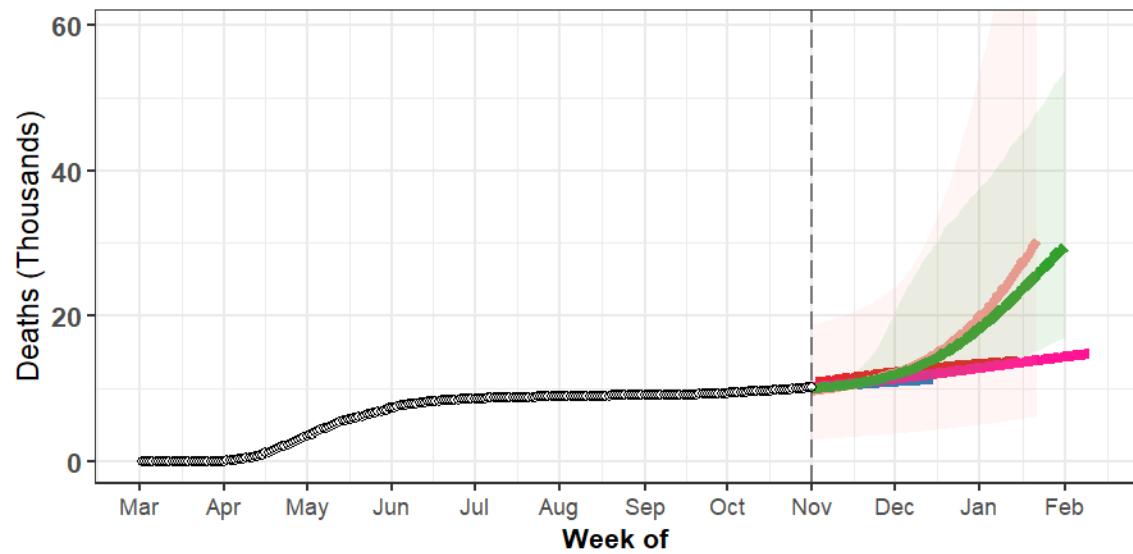


## All Cumulative Errors

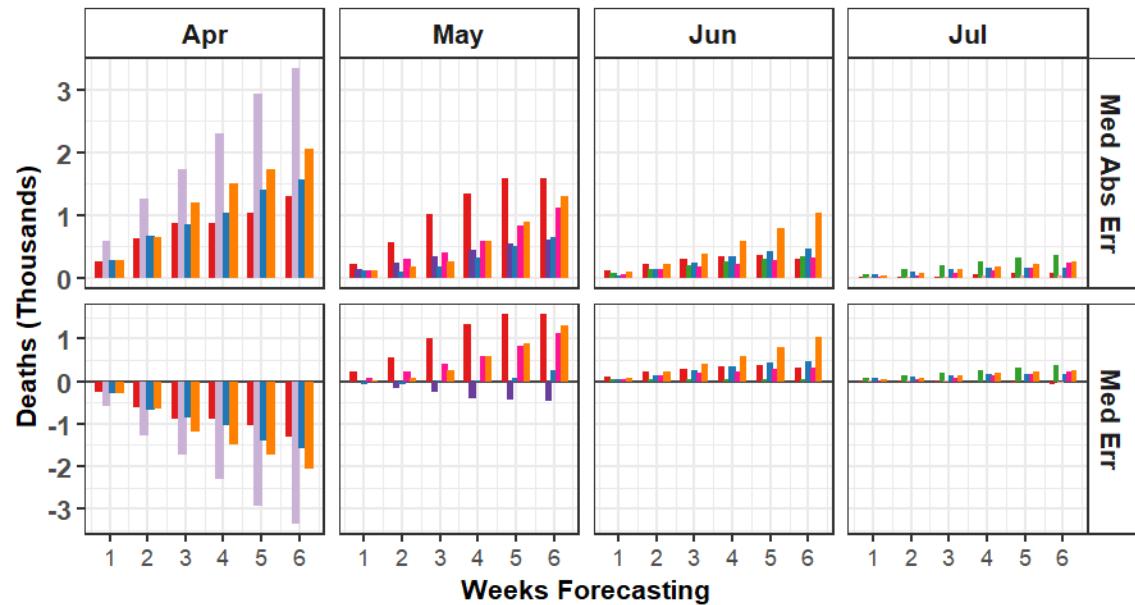


# Canada

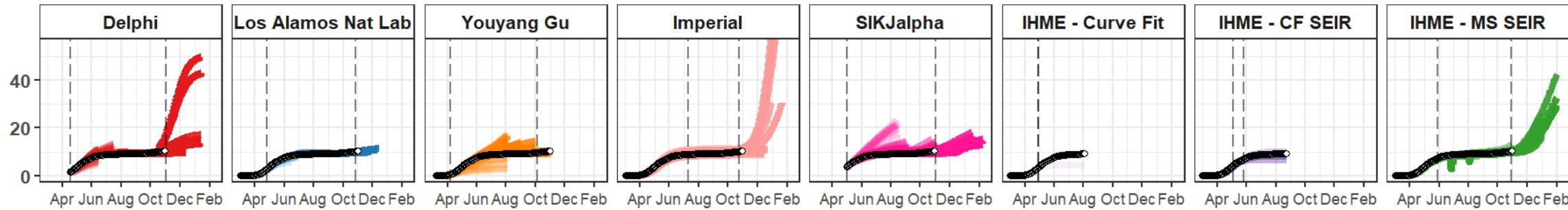
## Current Forecast



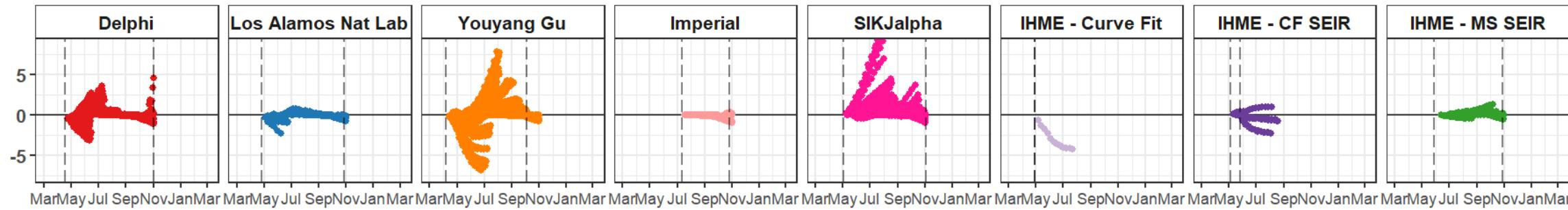
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

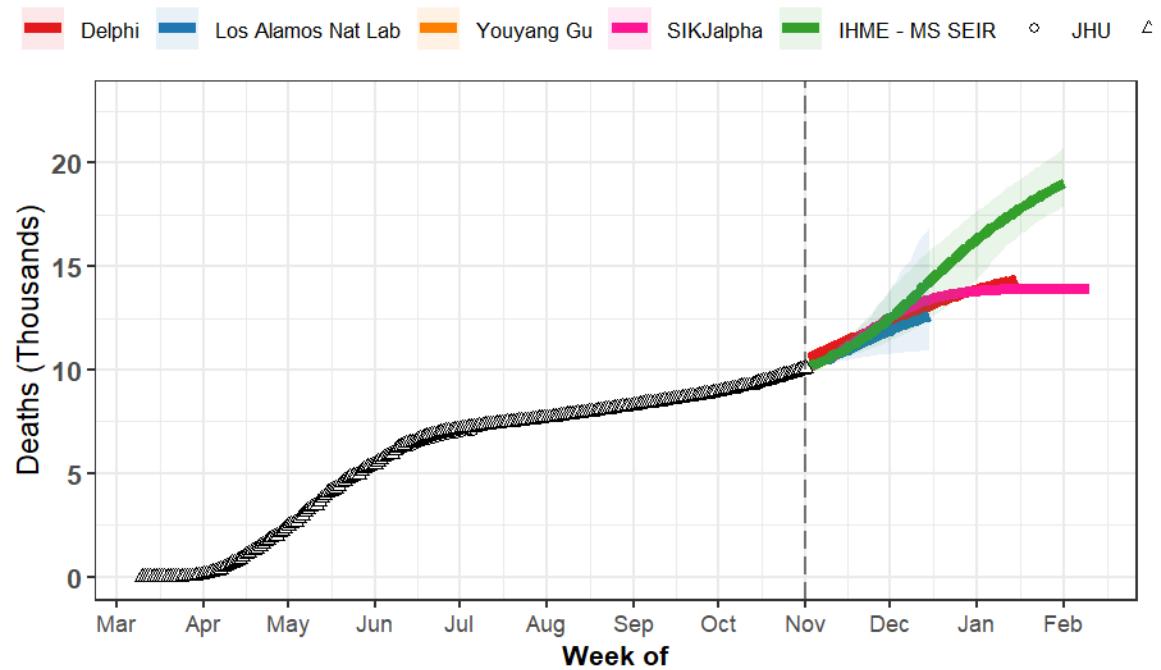


## All Cumulative Errors

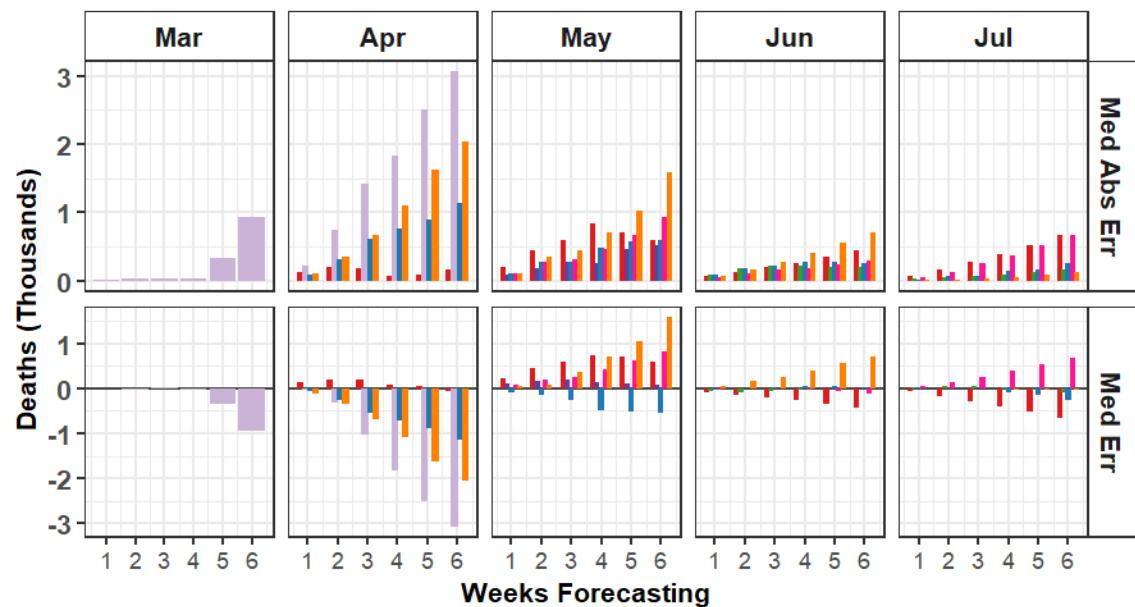


# Illinois

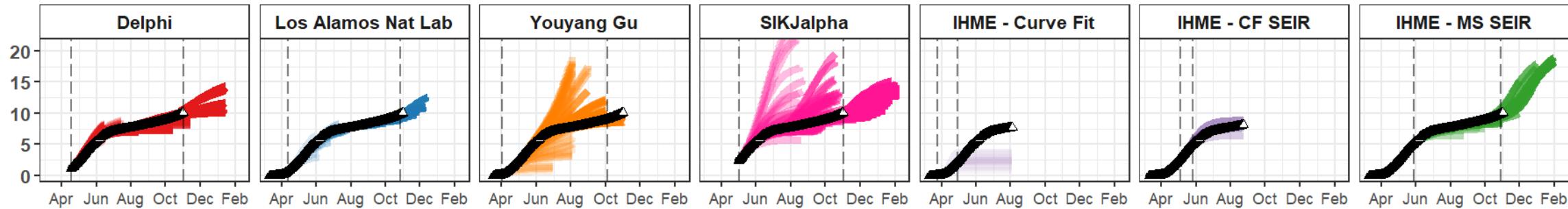
## Current Forecast



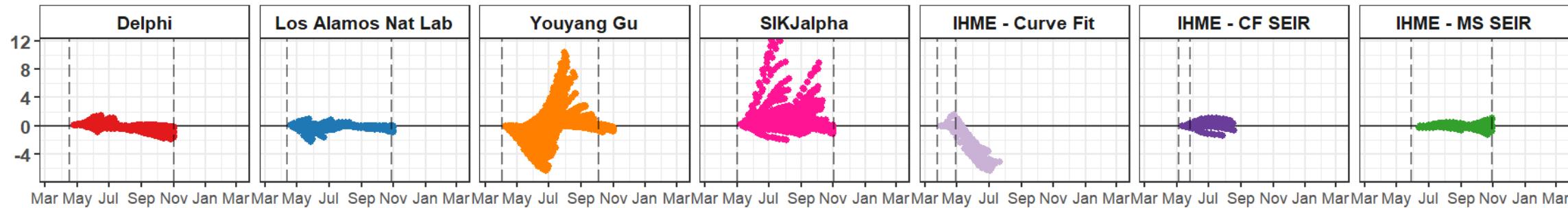
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

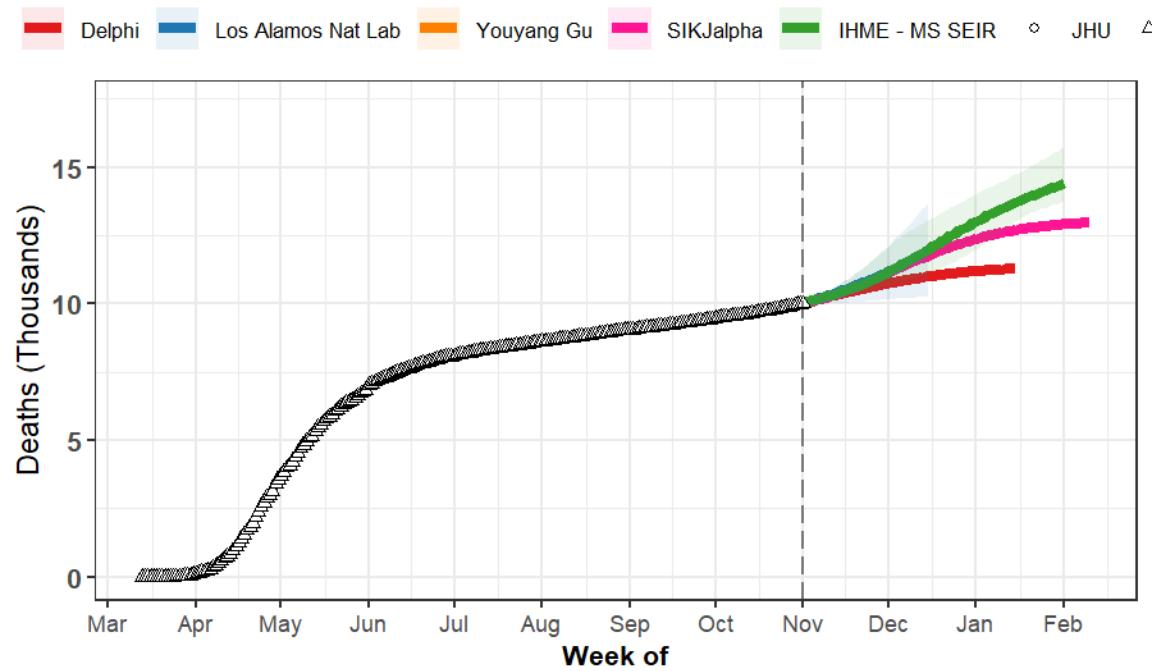


## All Cumulative Errors

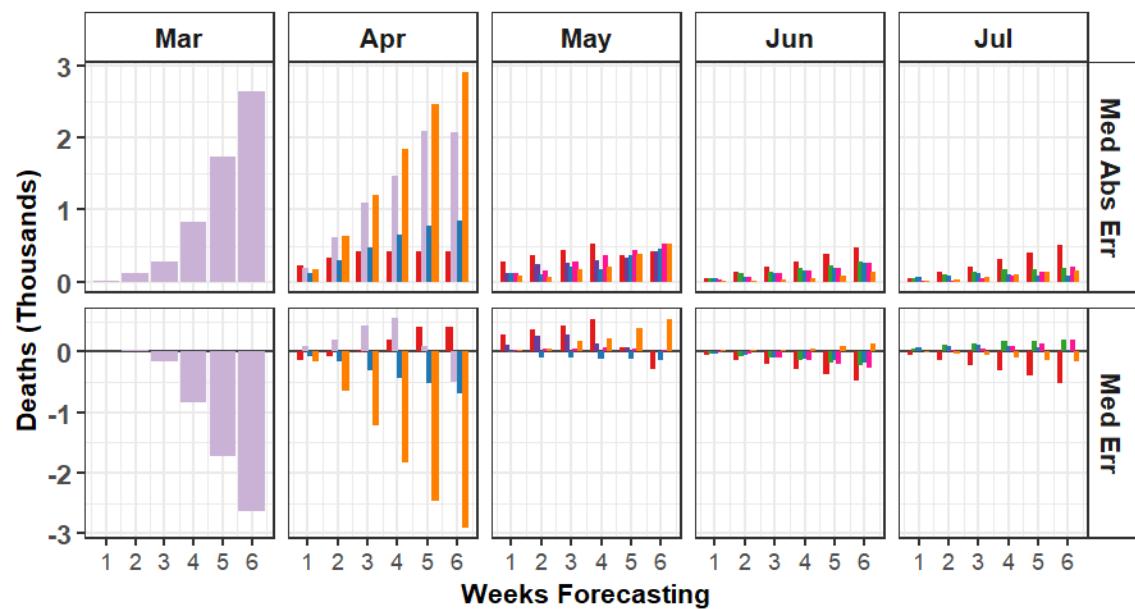


# Massachusetts

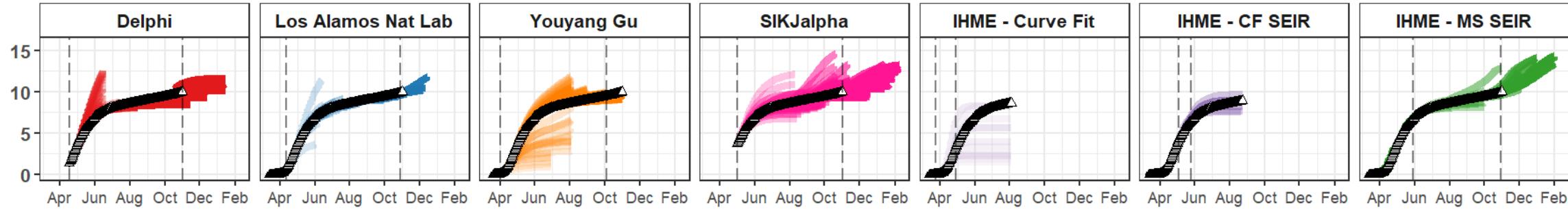
## Current Forecast



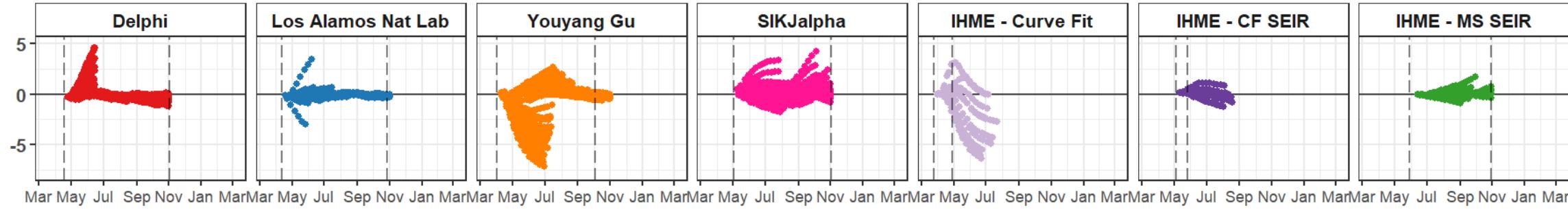
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

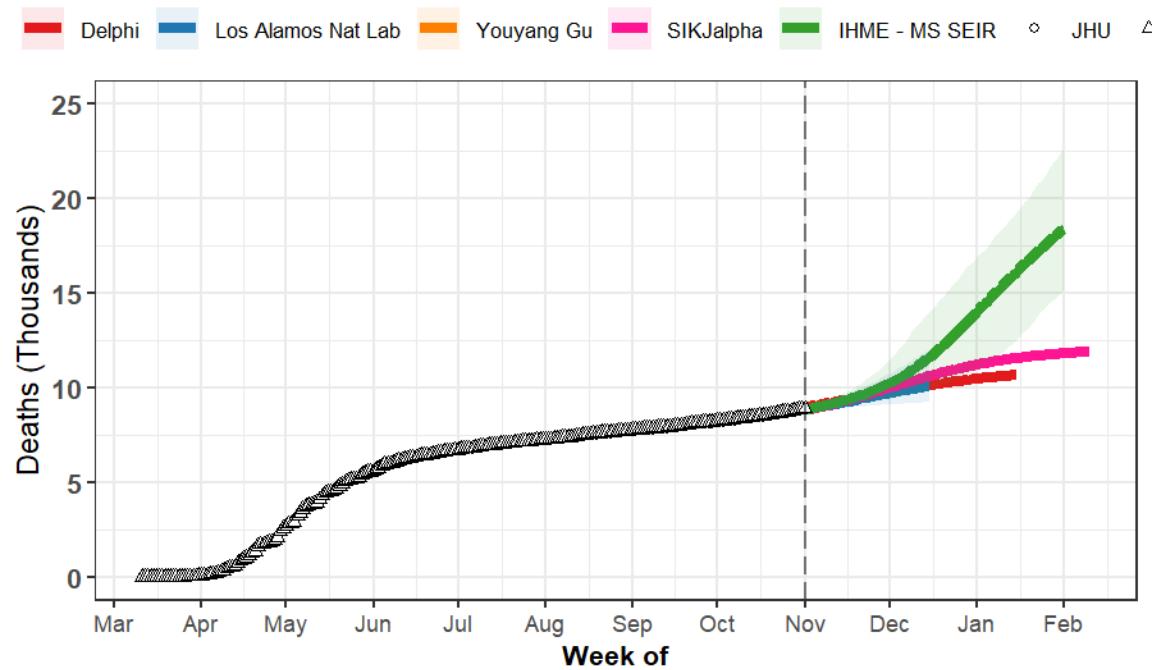


## All Cumulative Errors

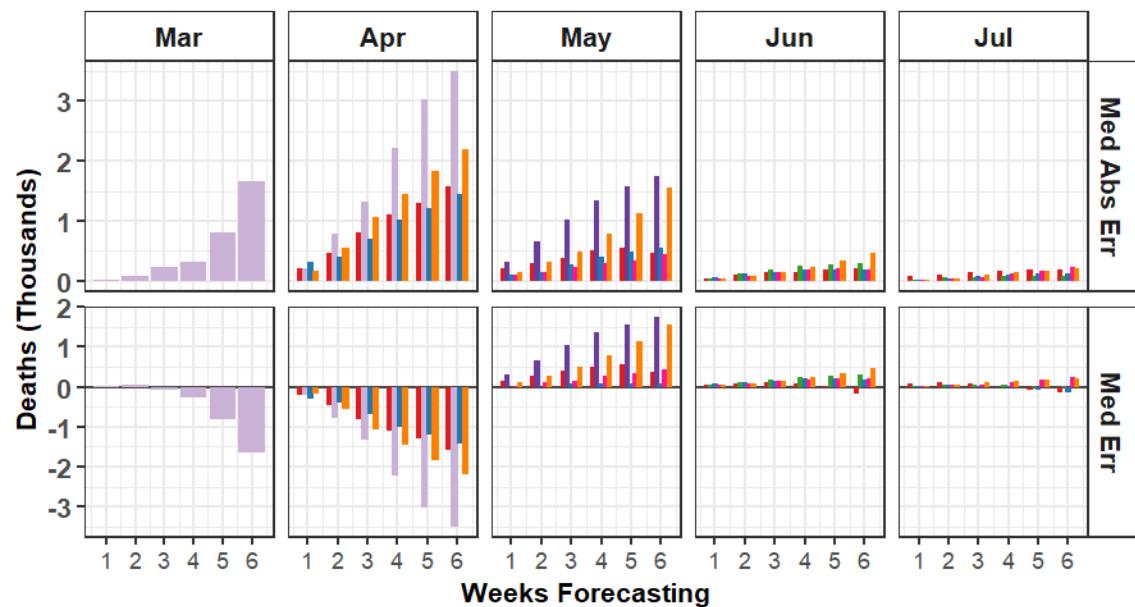


# Pennsylvania

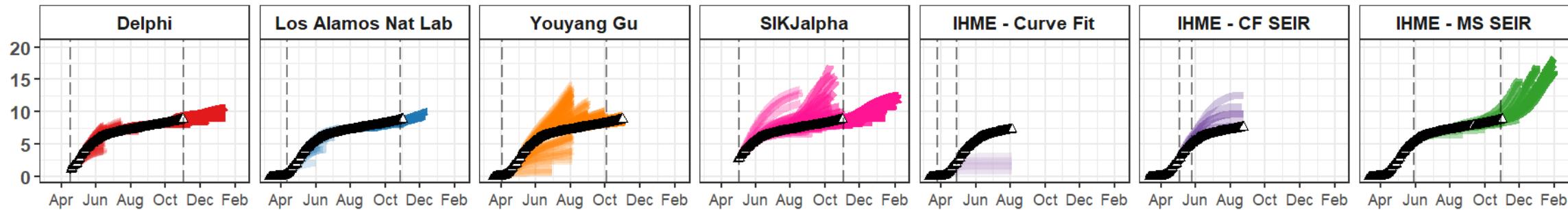
## Current Forecast



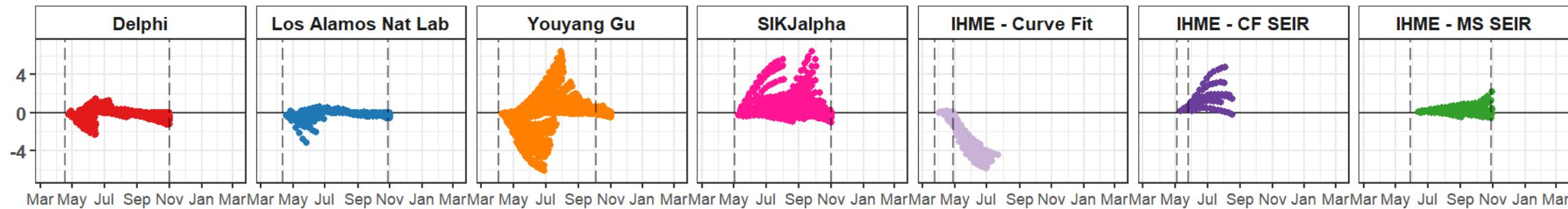
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

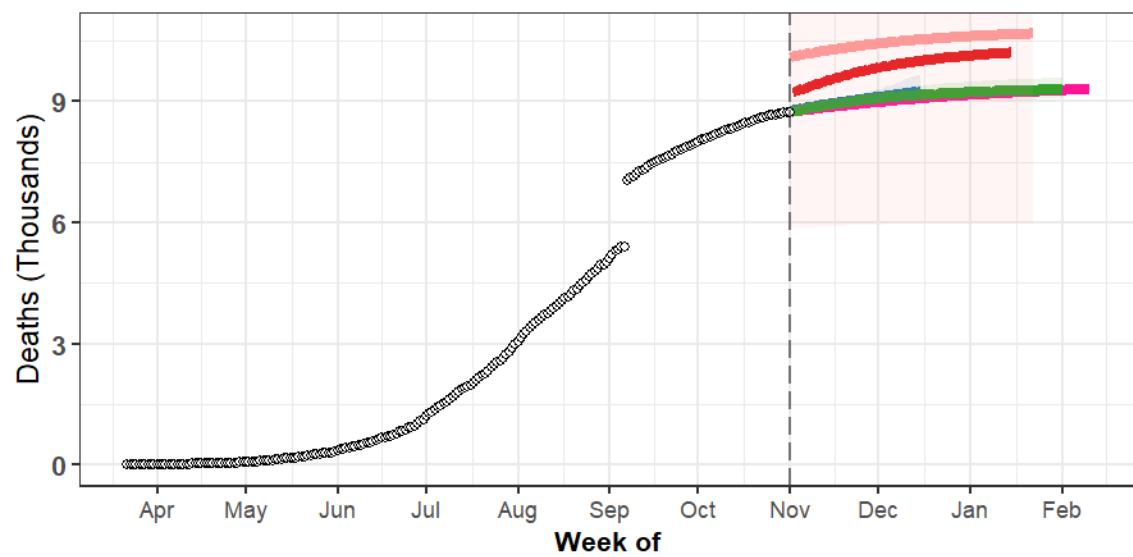


## All Cumulative Errors

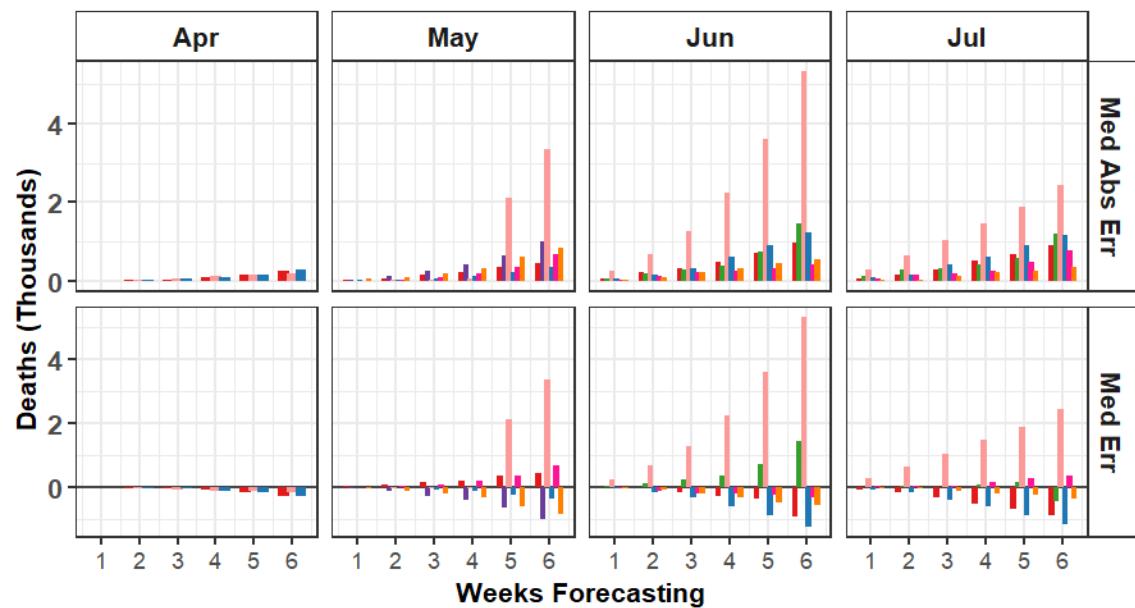


# Bolivia

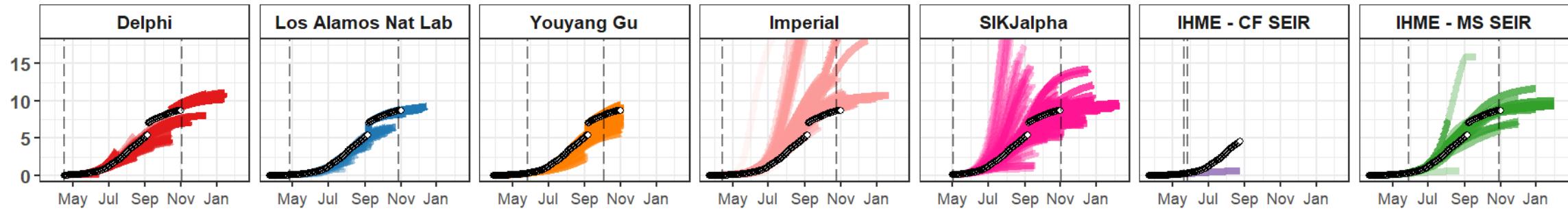
## Current Forecast



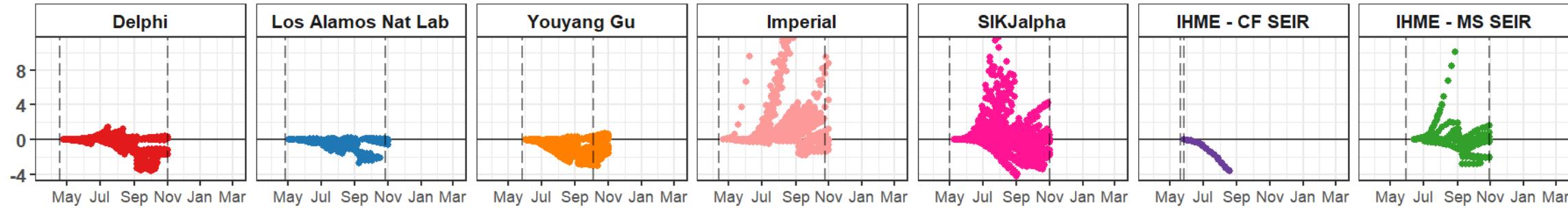
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

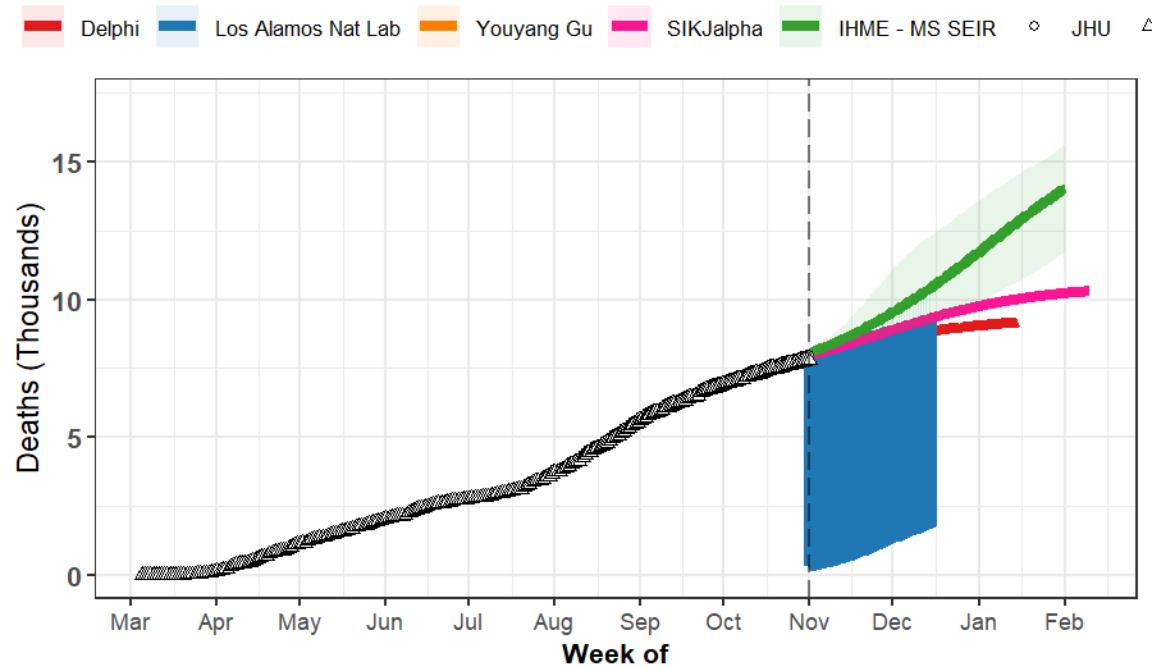


## All Cumulative Errors

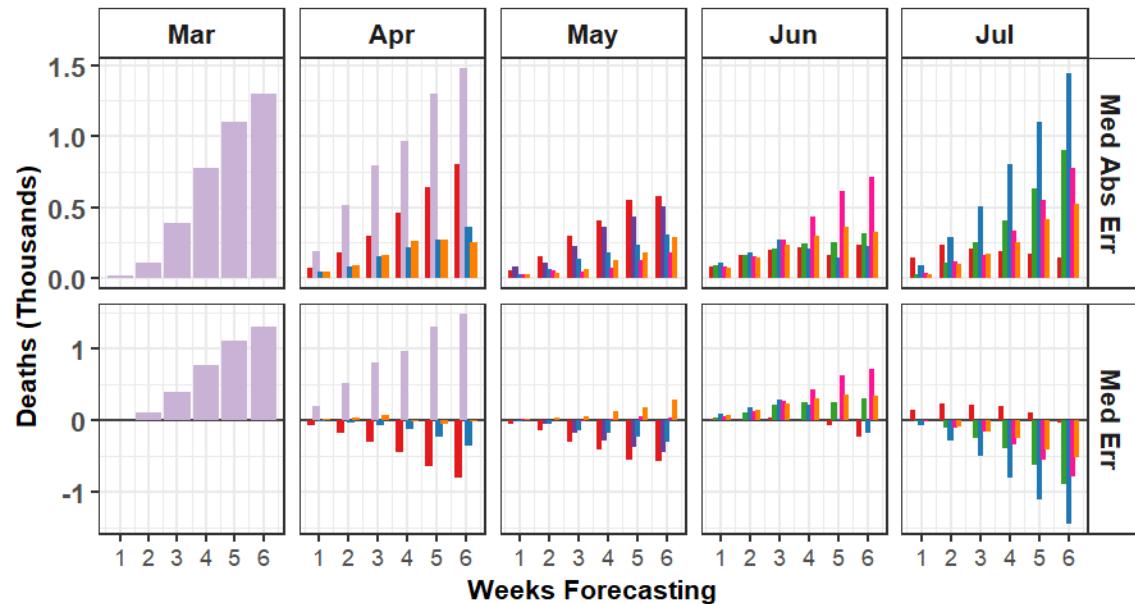


# Georgia

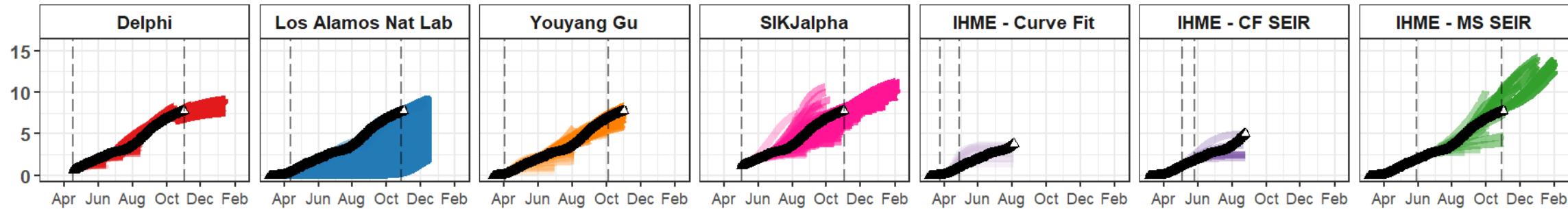
## Current Forecast



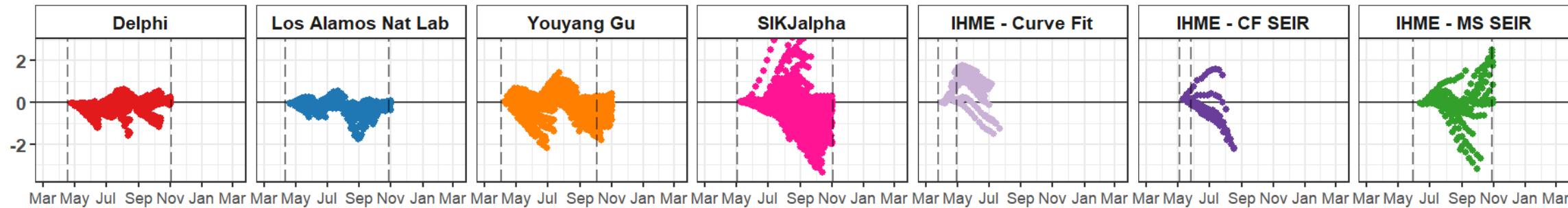
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

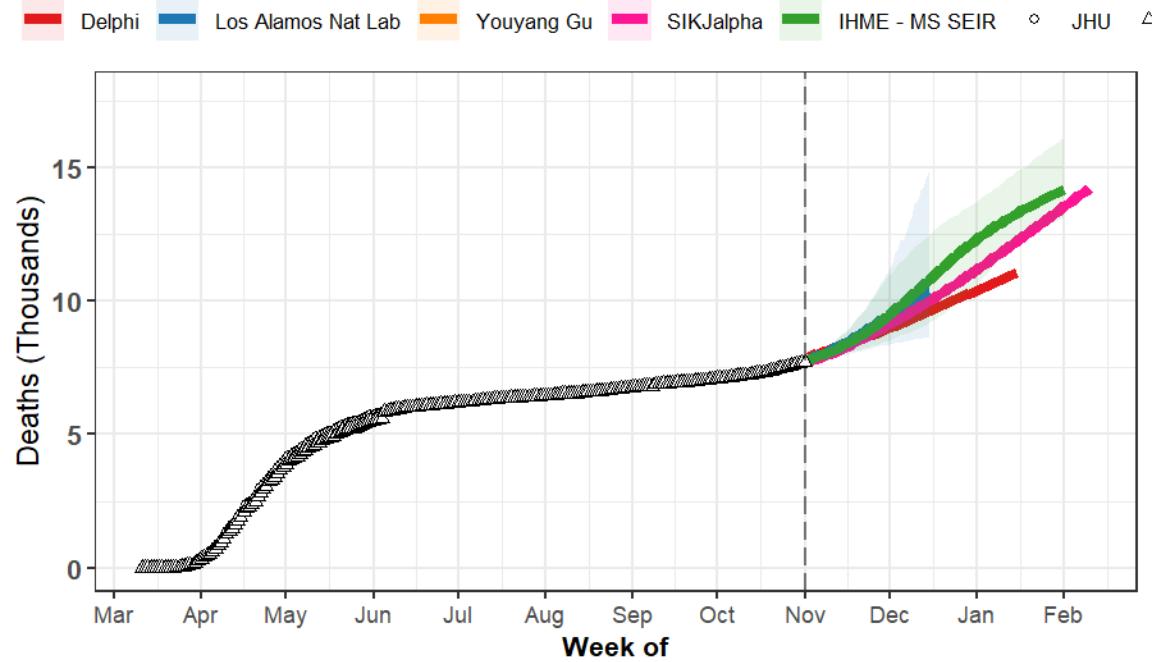


## All Cumulative Errors

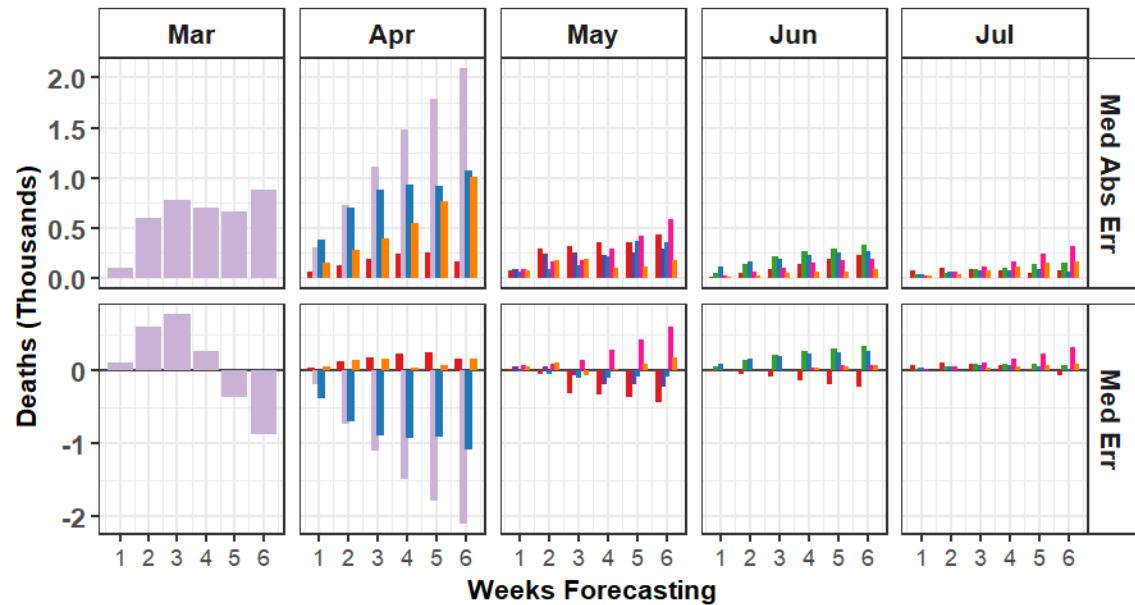


## Michigan

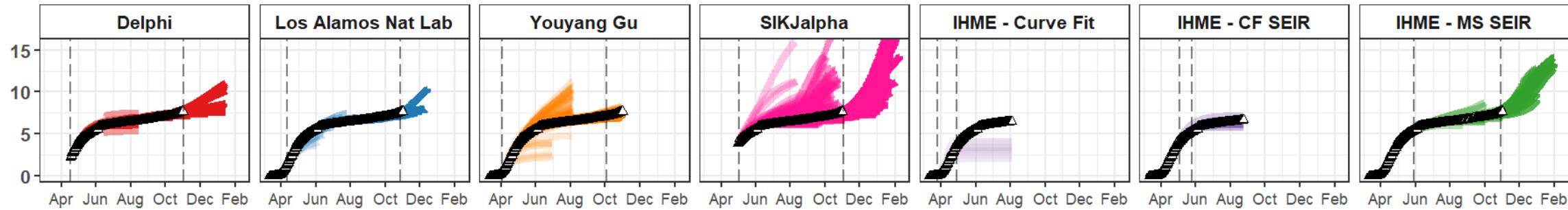
## **Current Forecast**



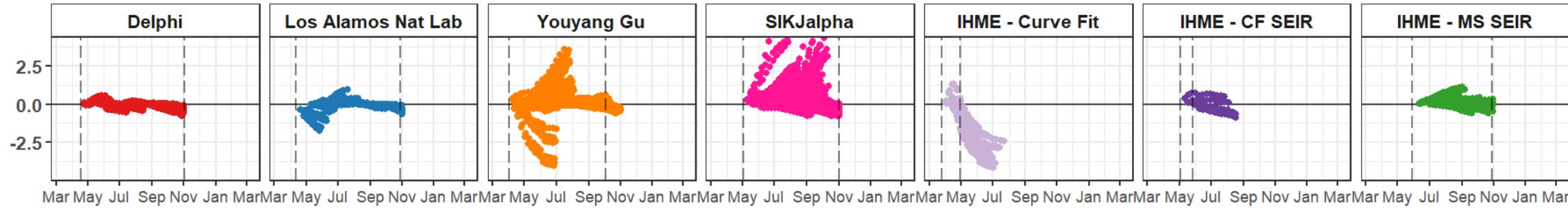
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

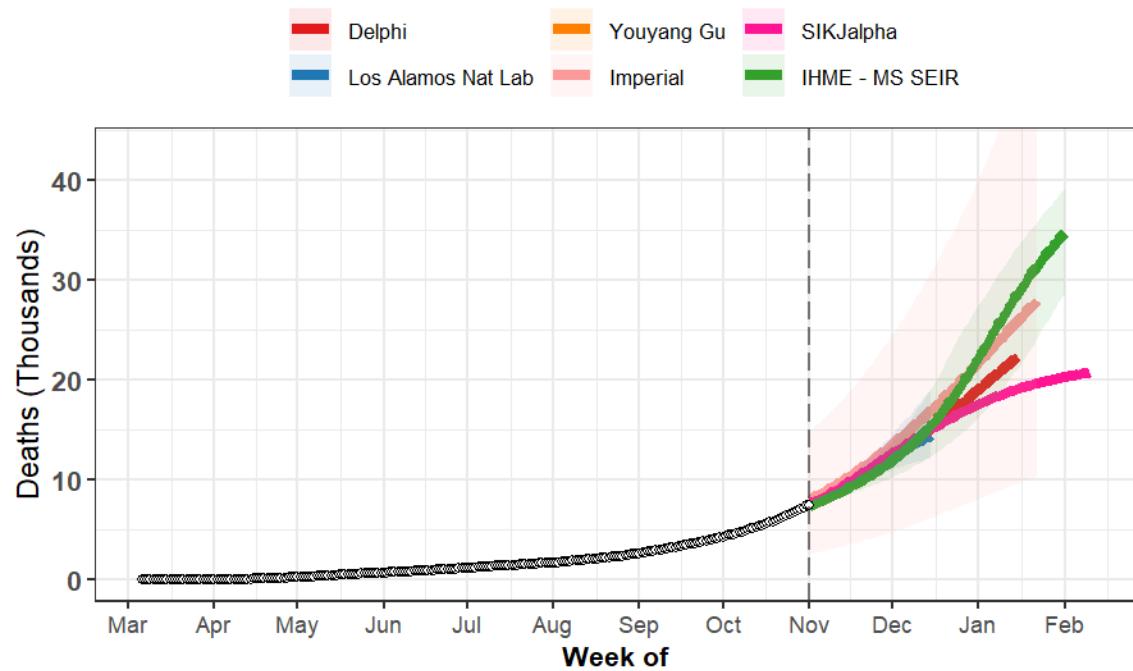


## All Cumulative Errors

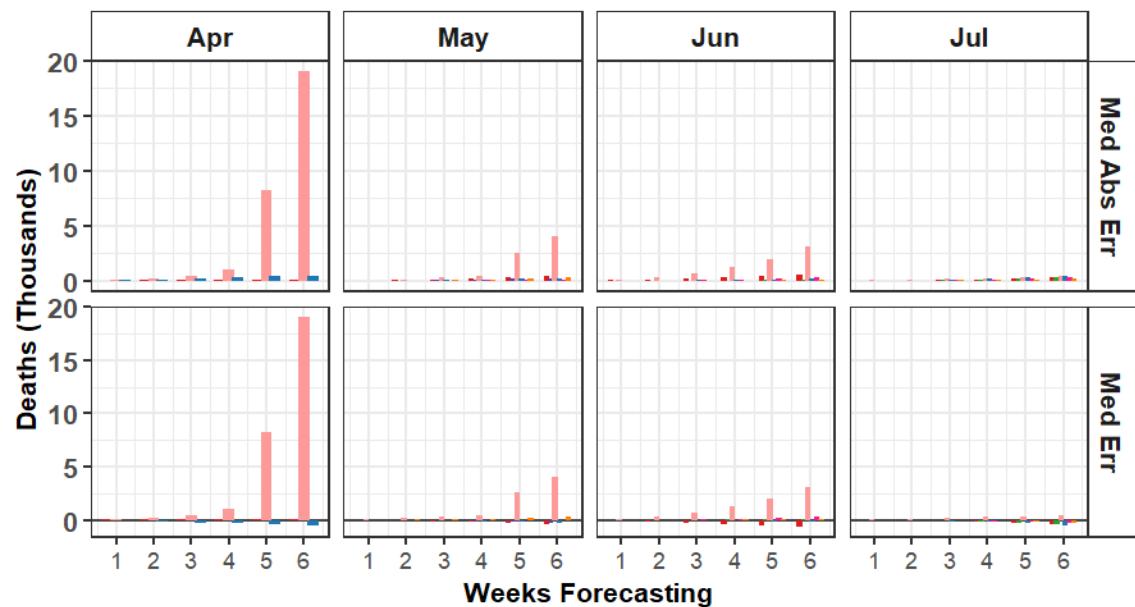


# Ukraine

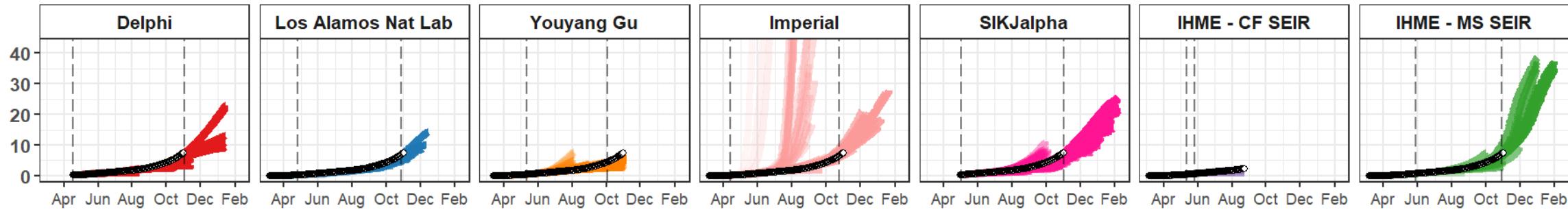
## Current Forecast



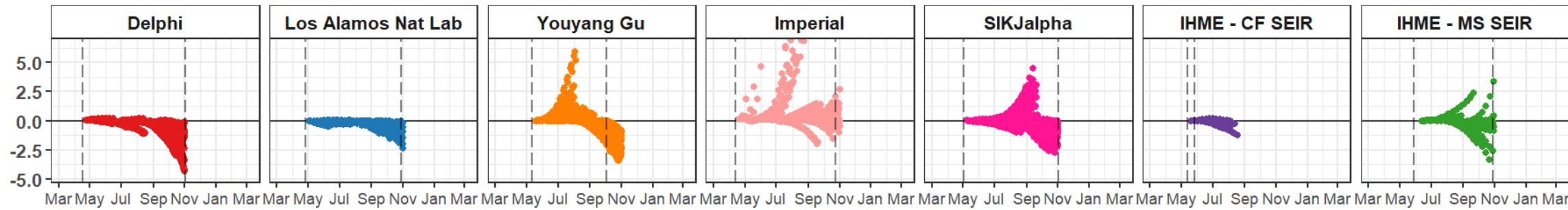
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



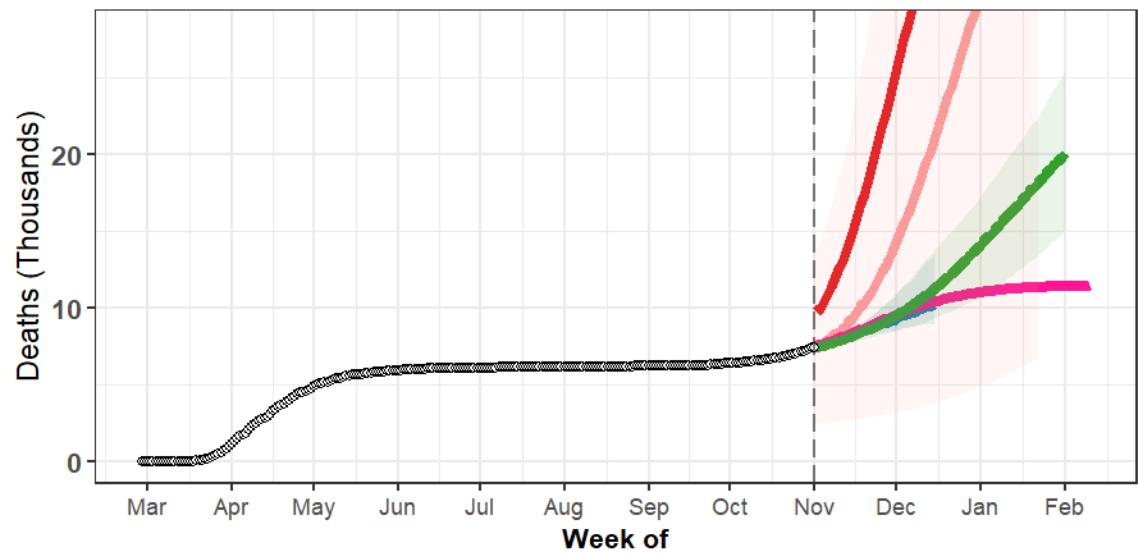
## All Cumulative Errors



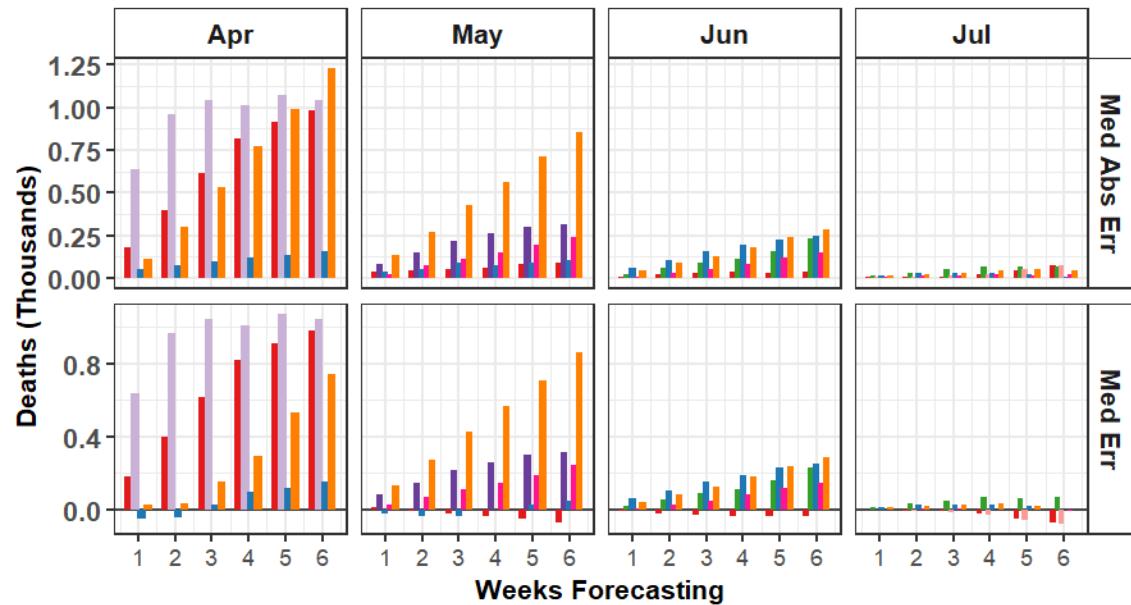
# Netherlands

## Current Forecast

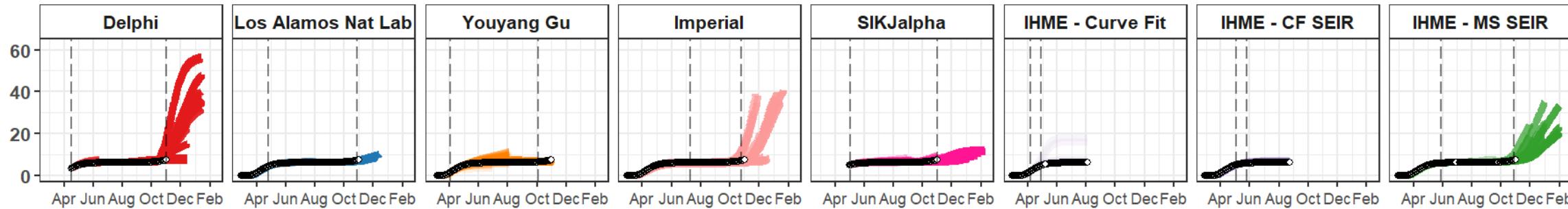
— Delphi  
— Los Alamos Nat Lab     
 — Youyang Gu  
— Imperial     
 — IHME - MS SEIR



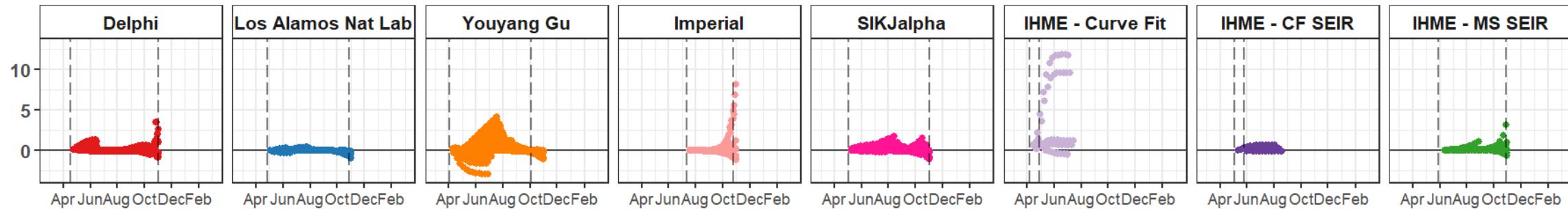
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

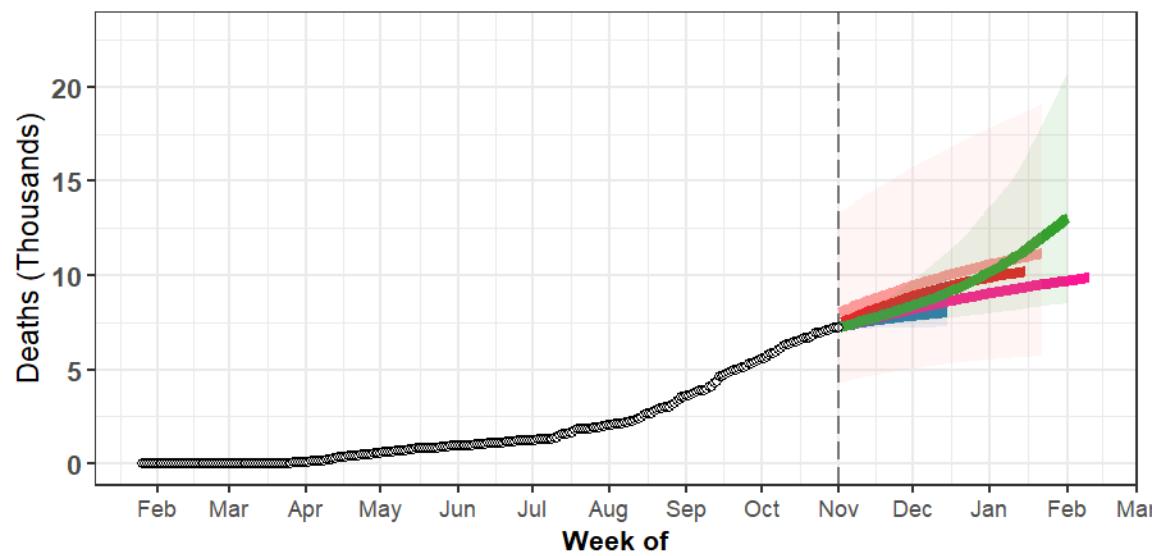


## All Cumulative Errors

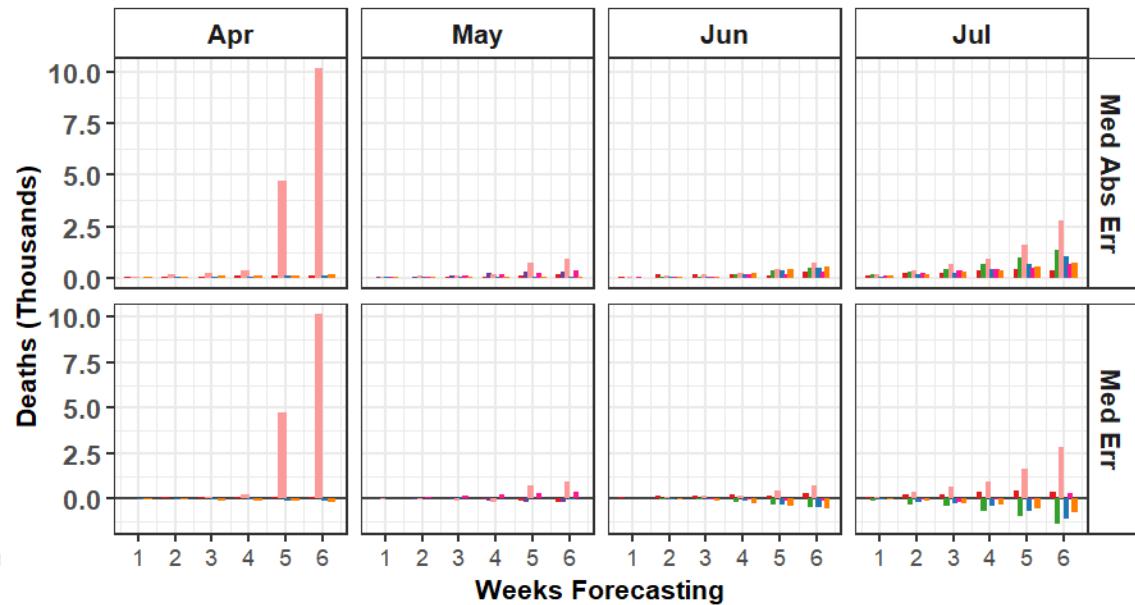


# Philippines

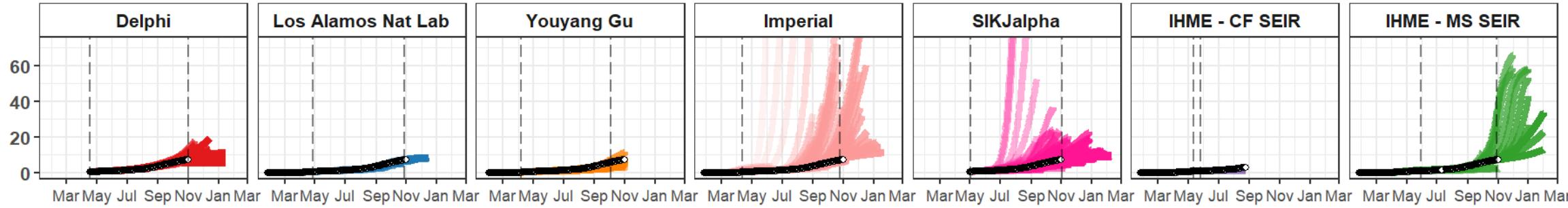
## Current Forecast



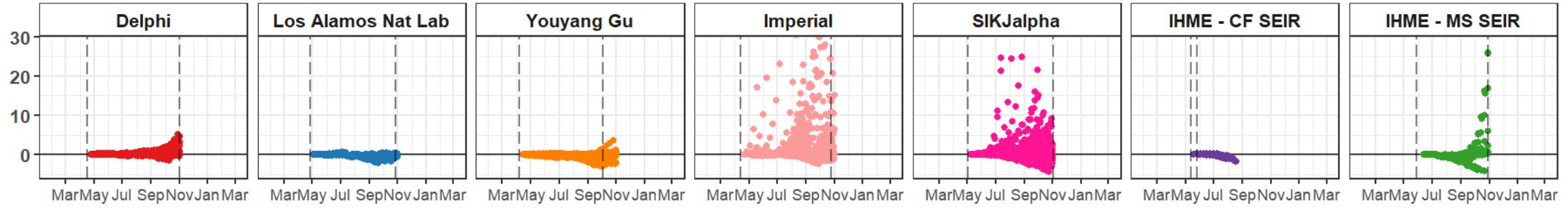
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

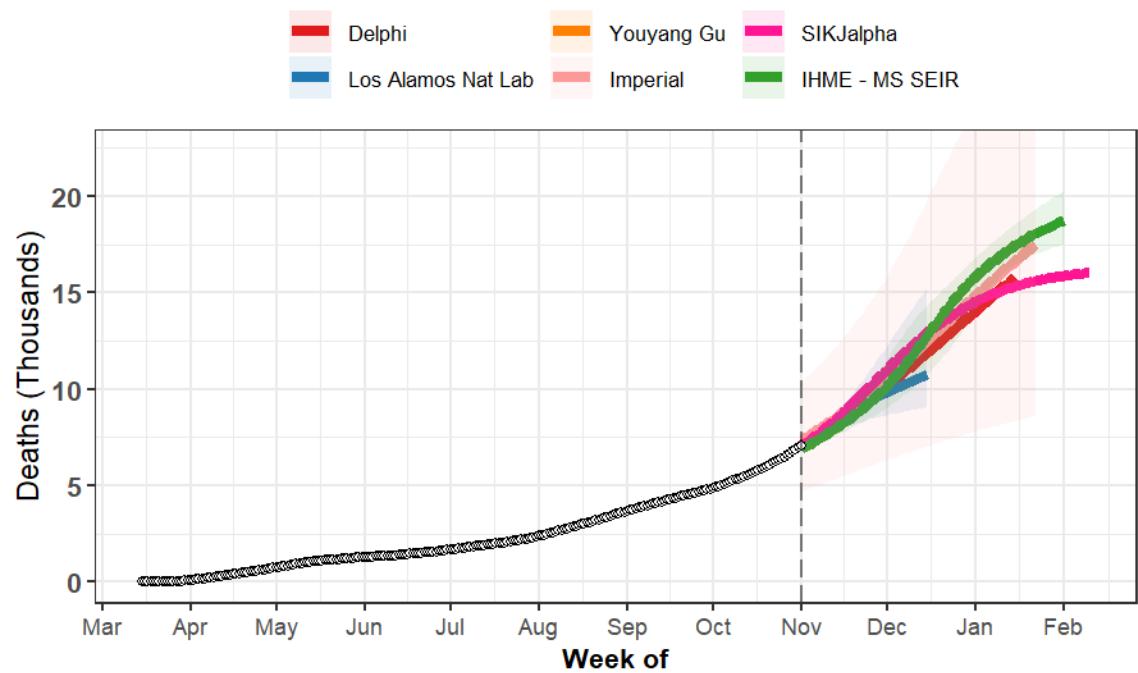


## All Cumulative Errors

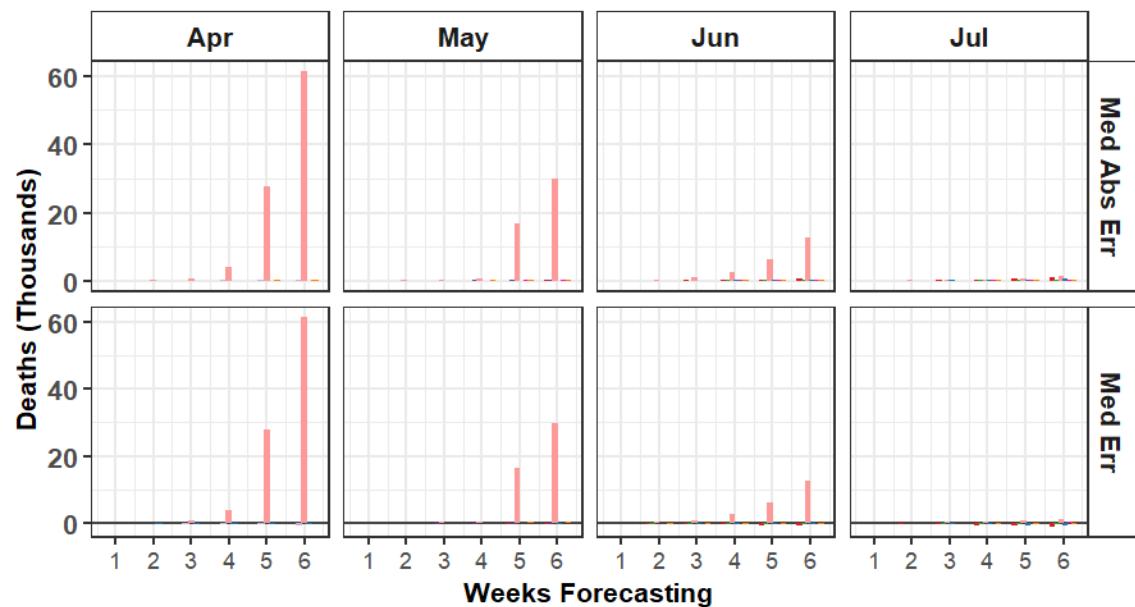


# Romania

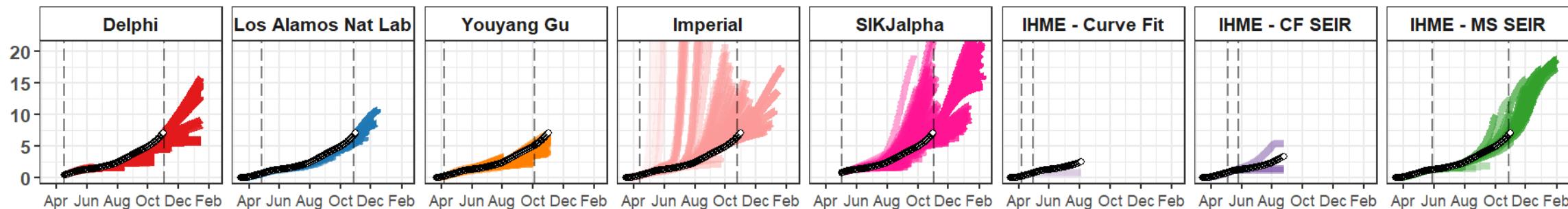
## Current Forecast



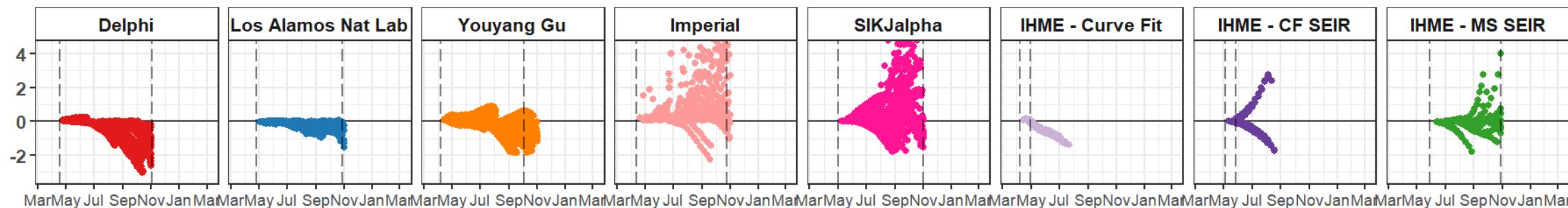
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

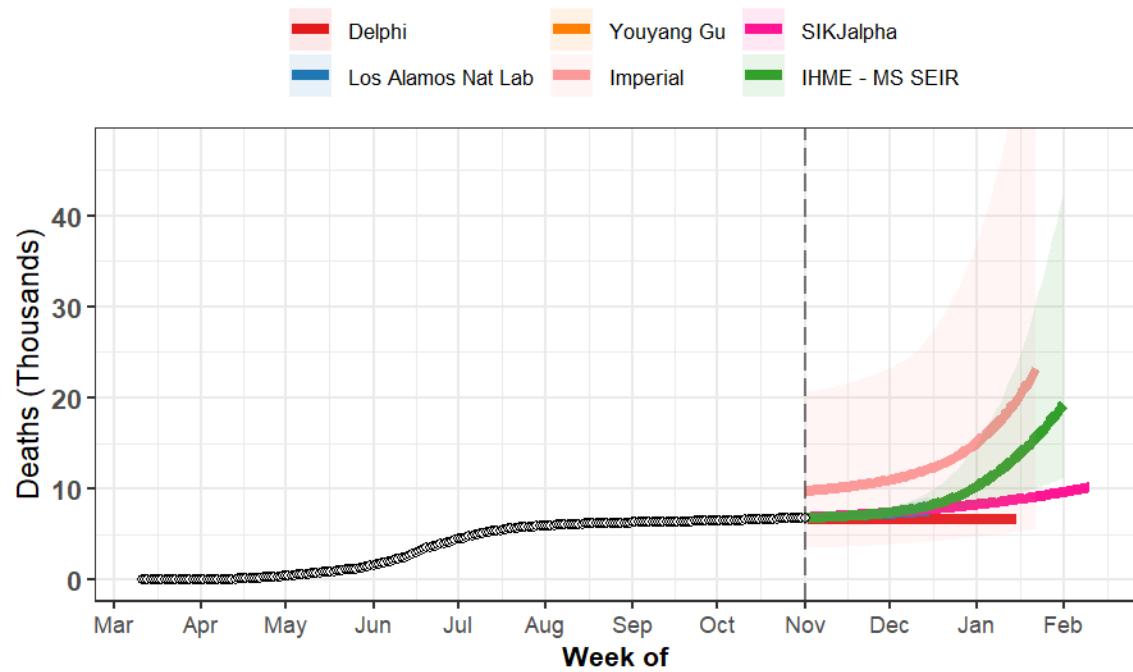


## All Cumulative Errors

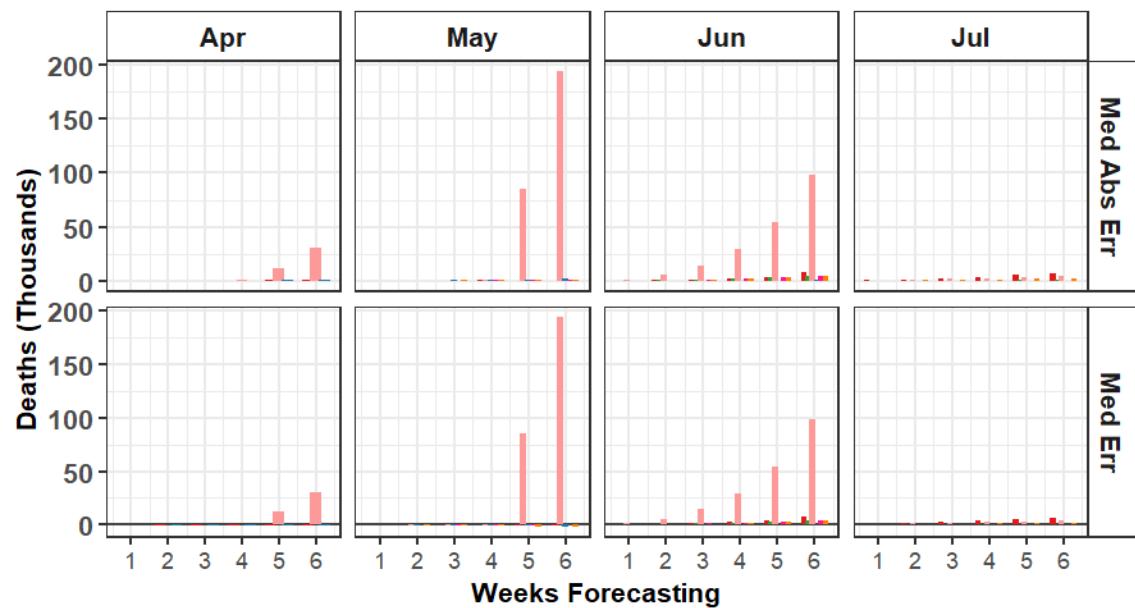


# Pakistan

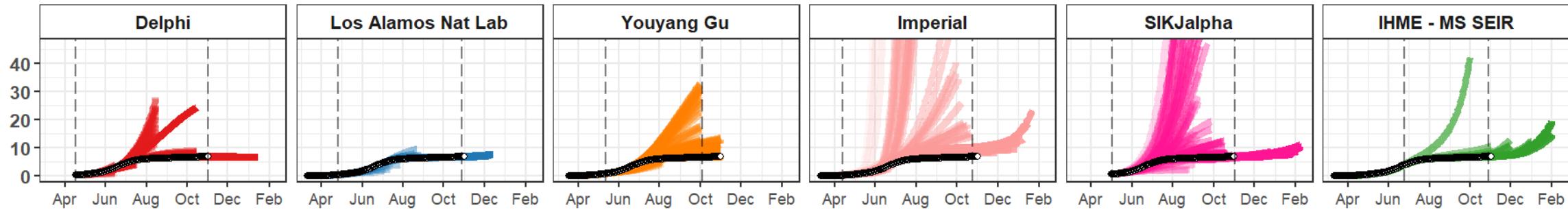
## Current Forecast



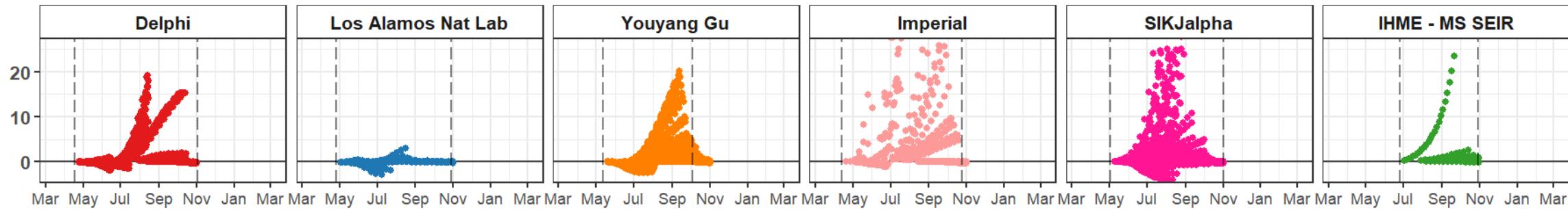
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

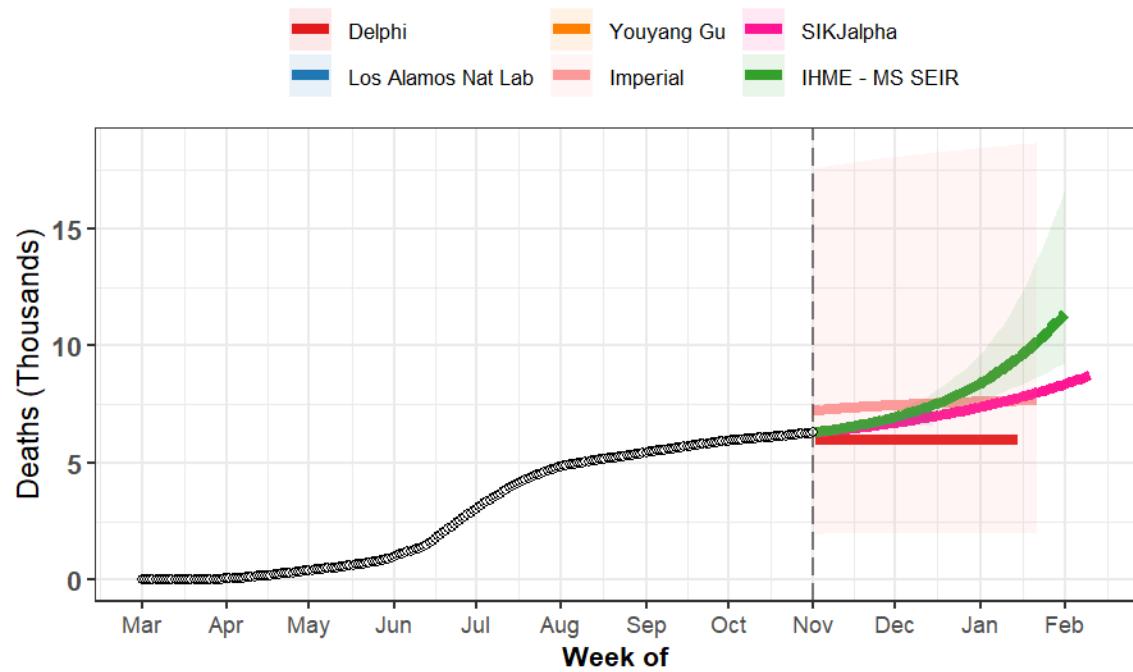


## All Cumulative Errors

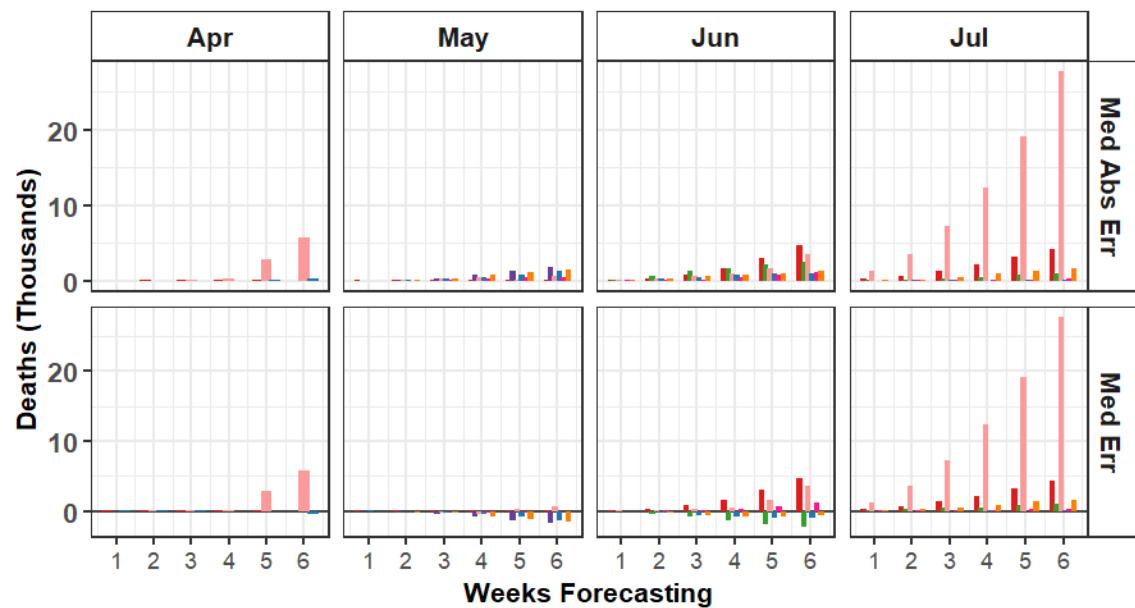


# Egypt

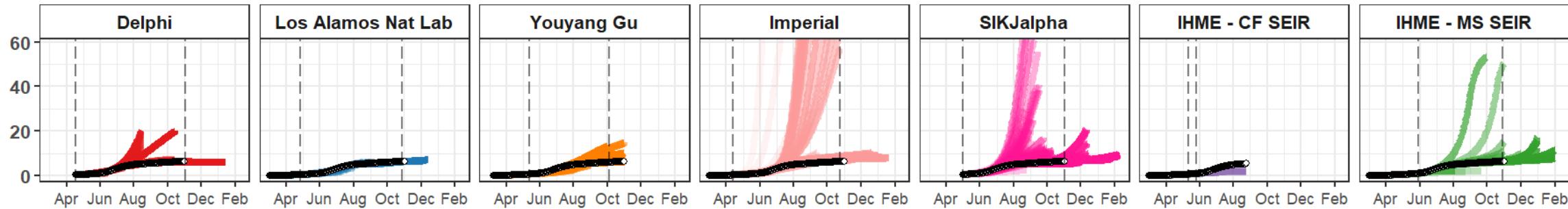
## Current Forecast



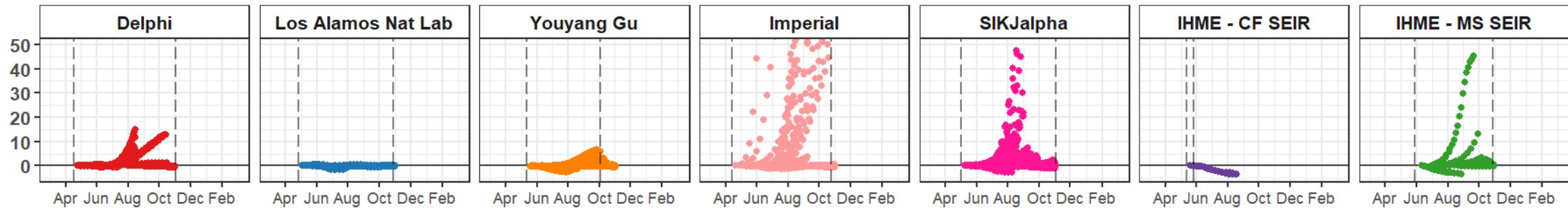
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

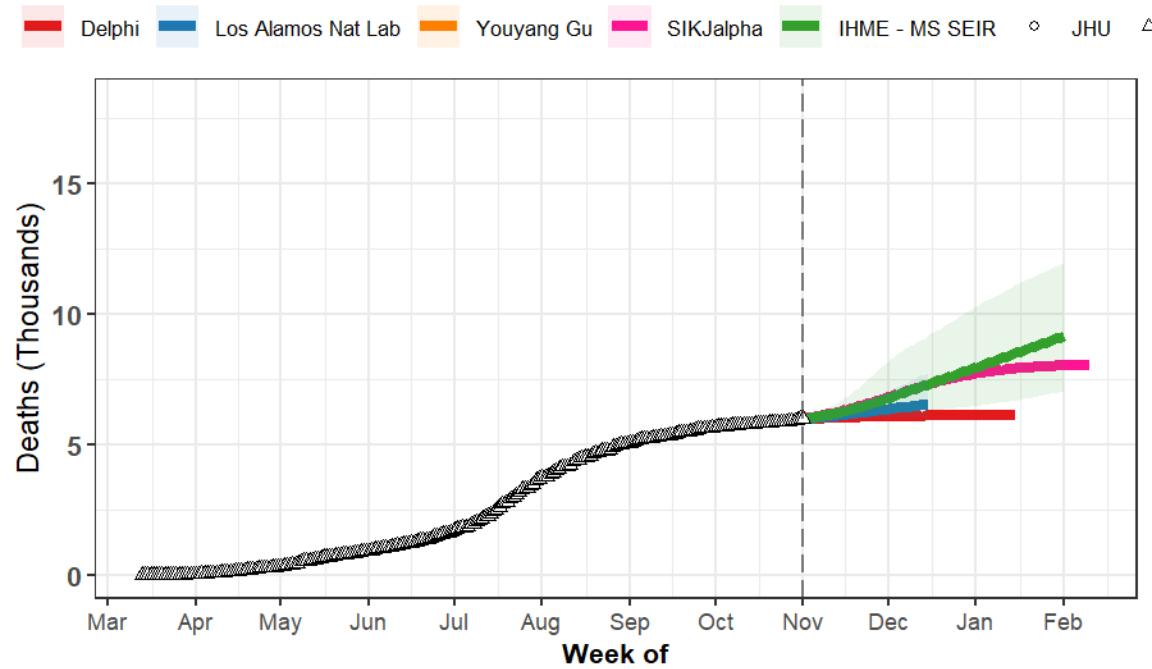


## All Cumulative Errors

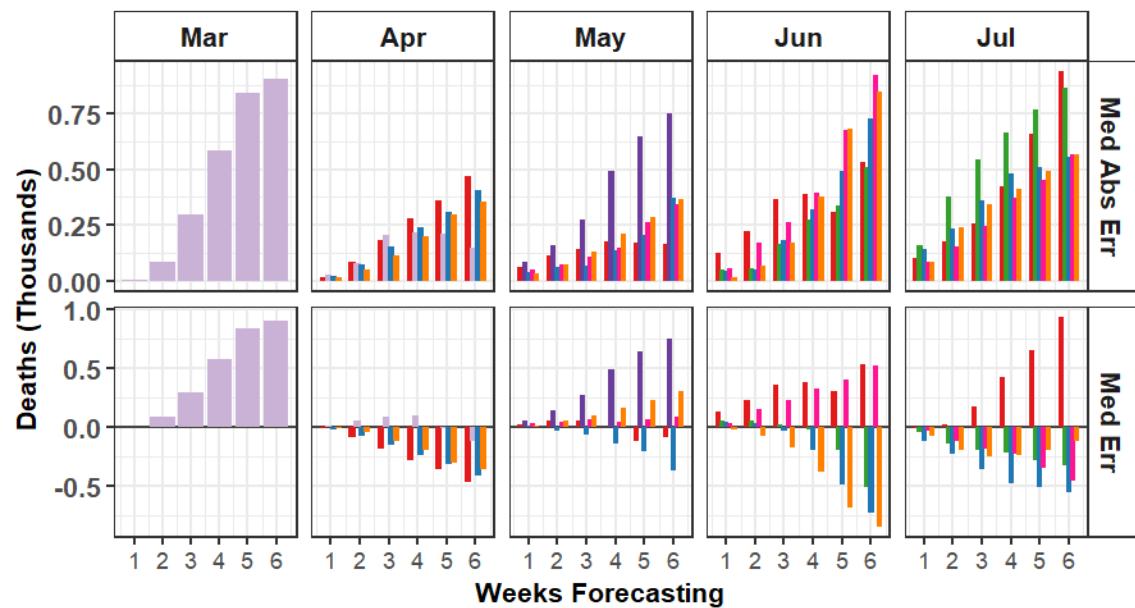


# Arizona

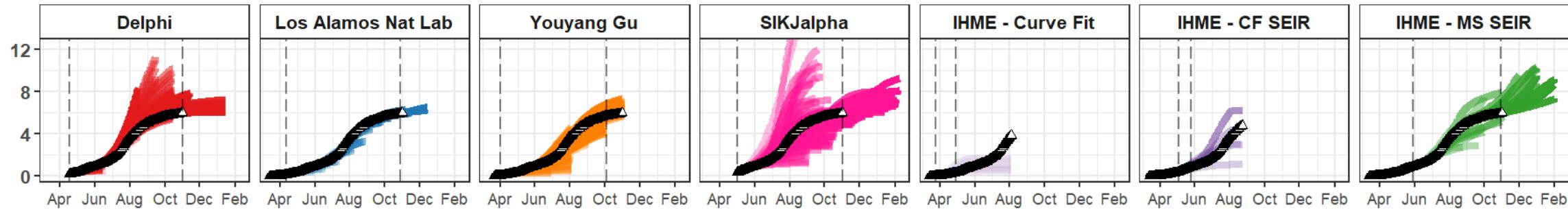
## Current Forecast



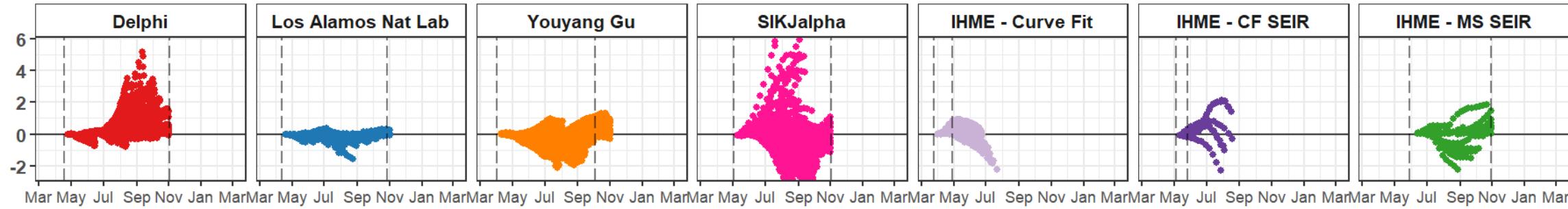
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

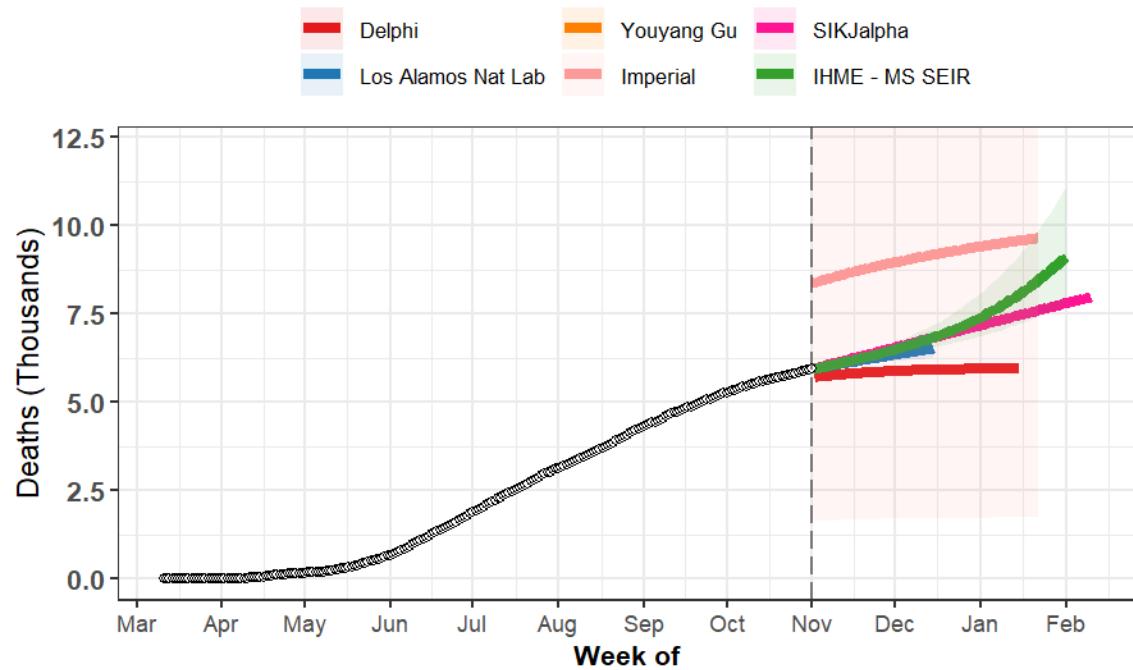


## All Cumulative Errors

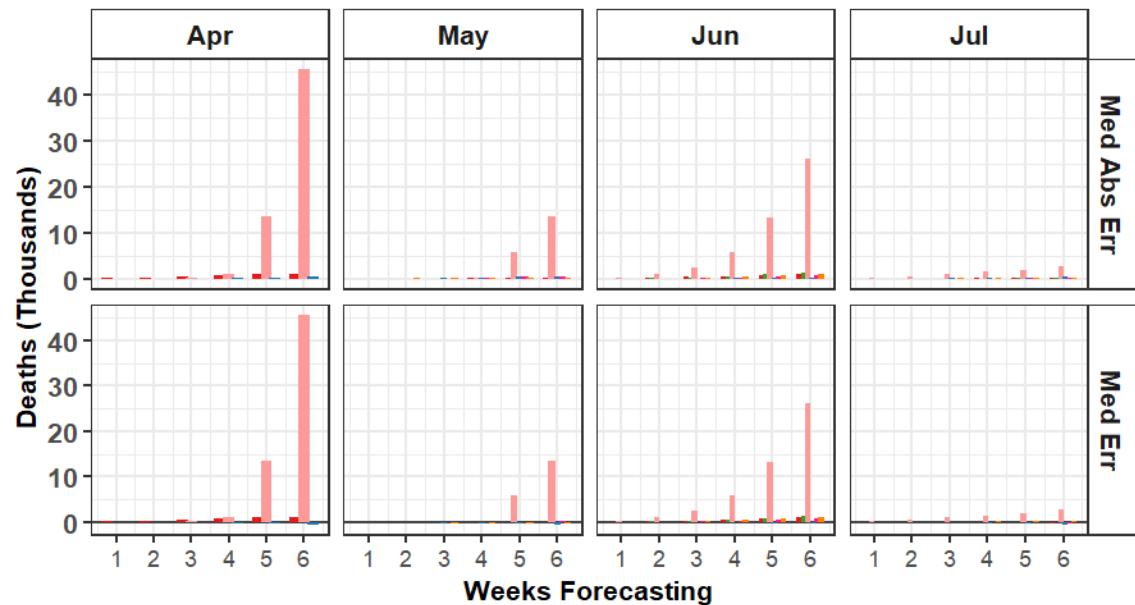


# Bangladesh

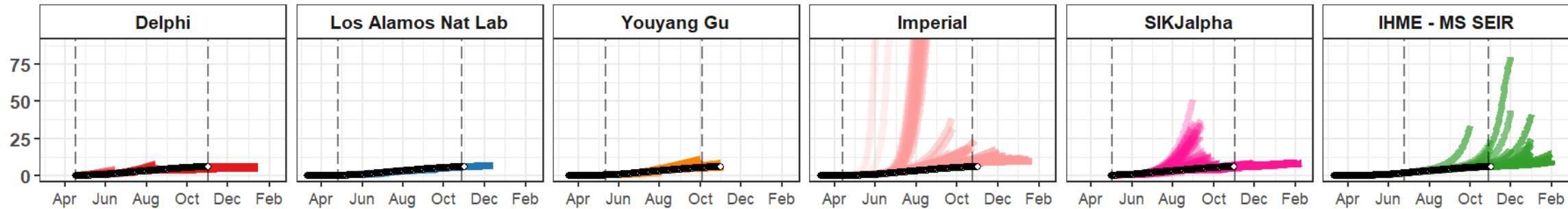
## Current Forecast



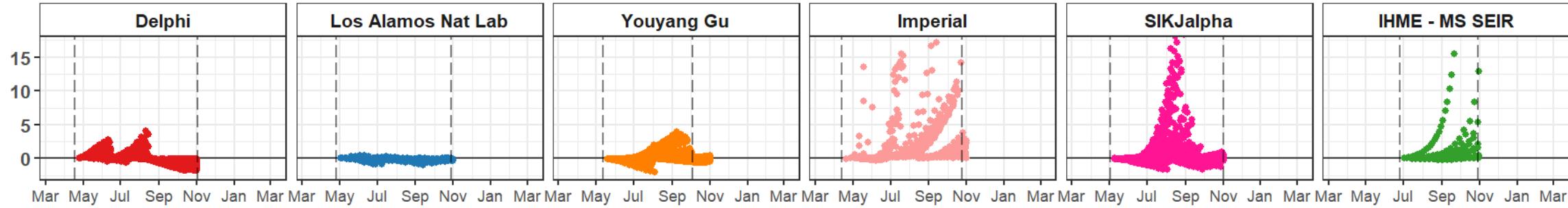
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

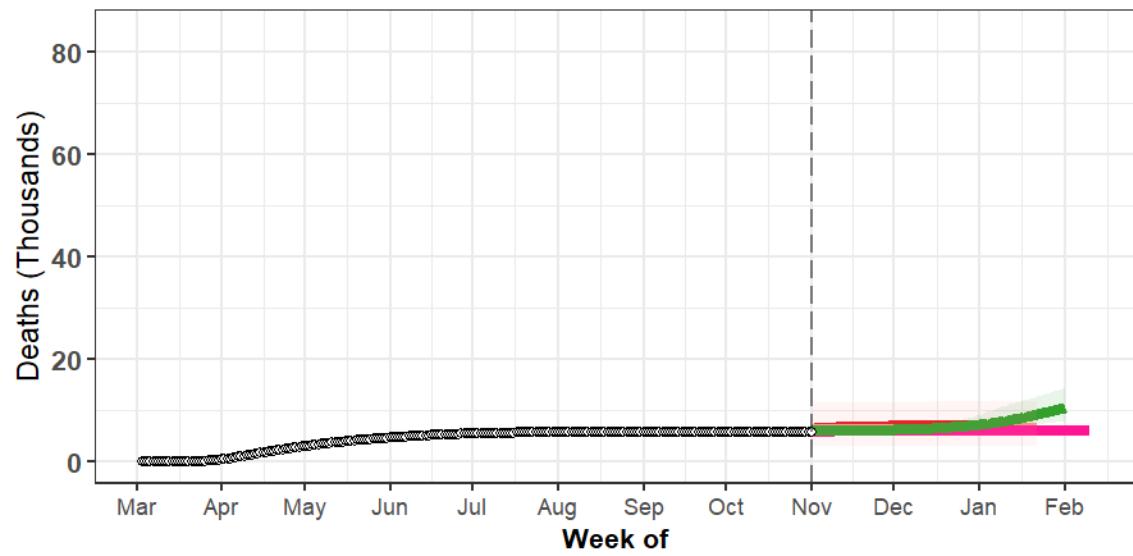


## All Cumulative Errors

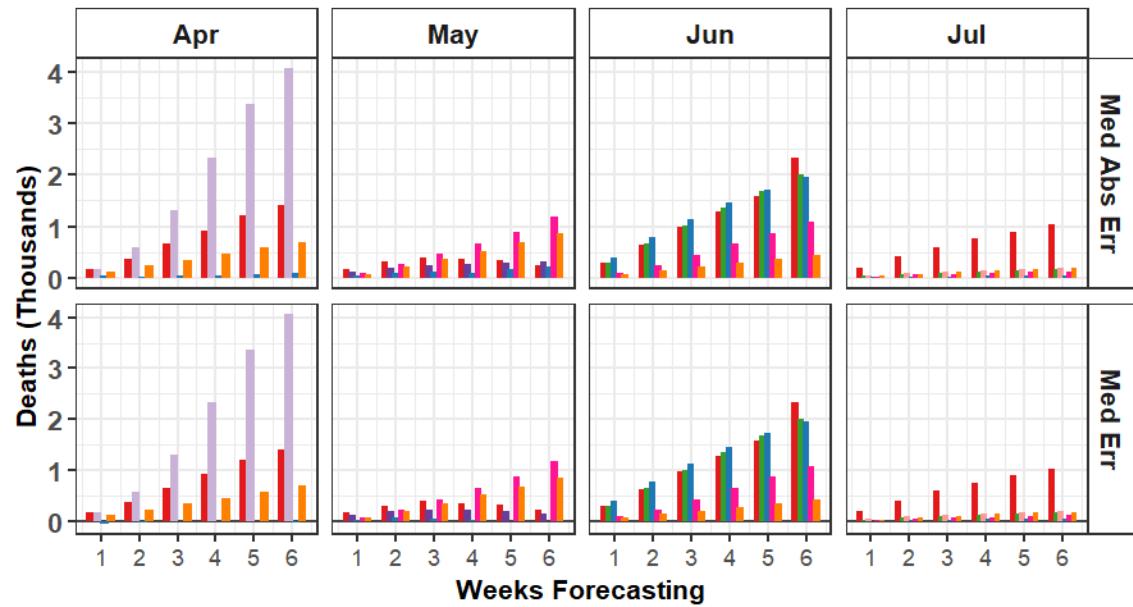


# Sweden

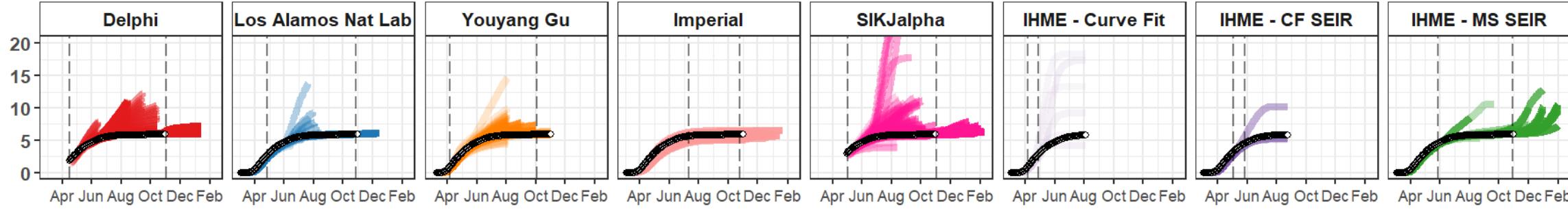
## Current Forecast



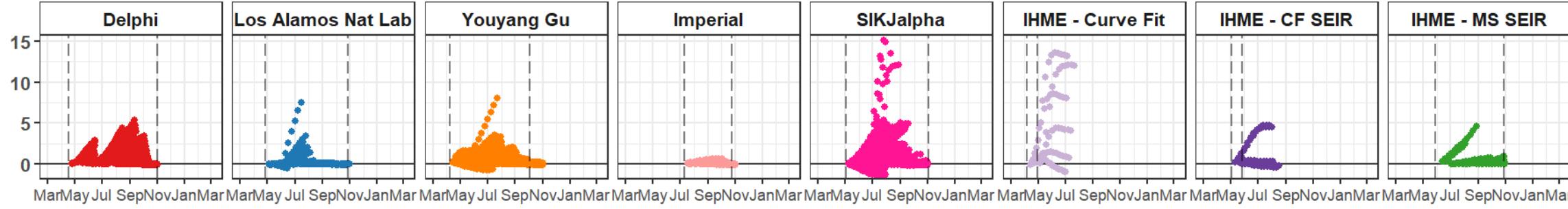
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

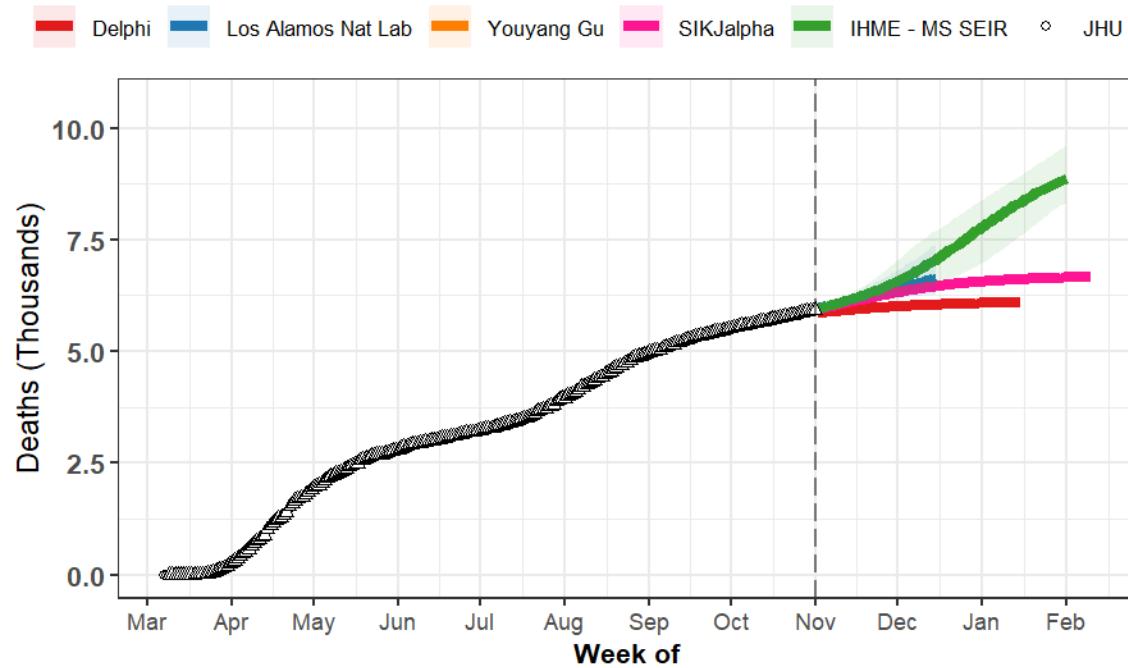


## All Cumulative Errors

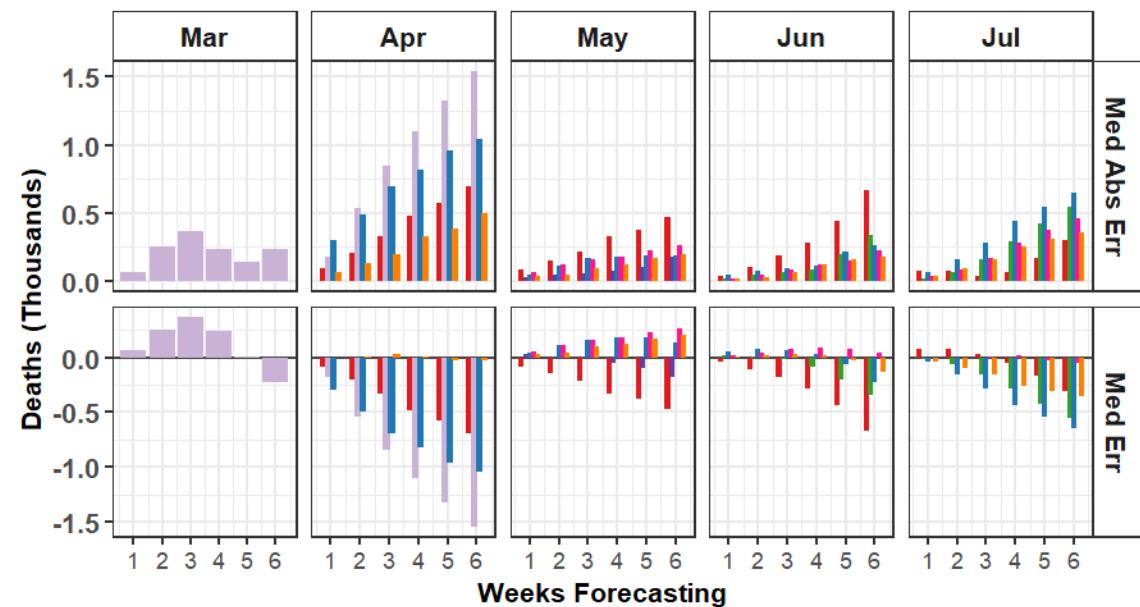


# Louisiana

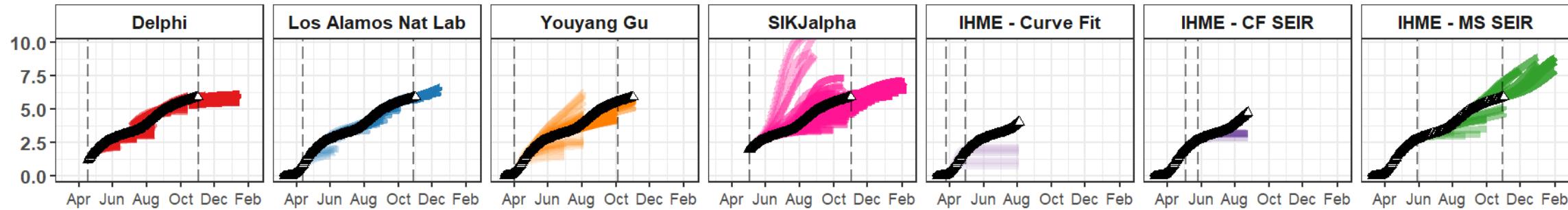
## Current Forecast



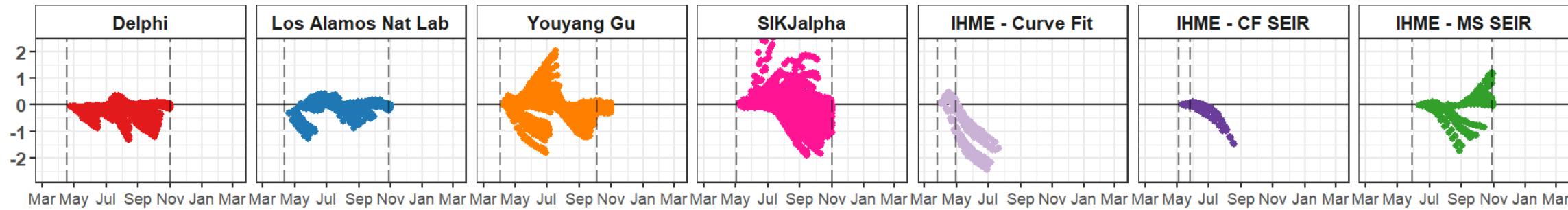
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



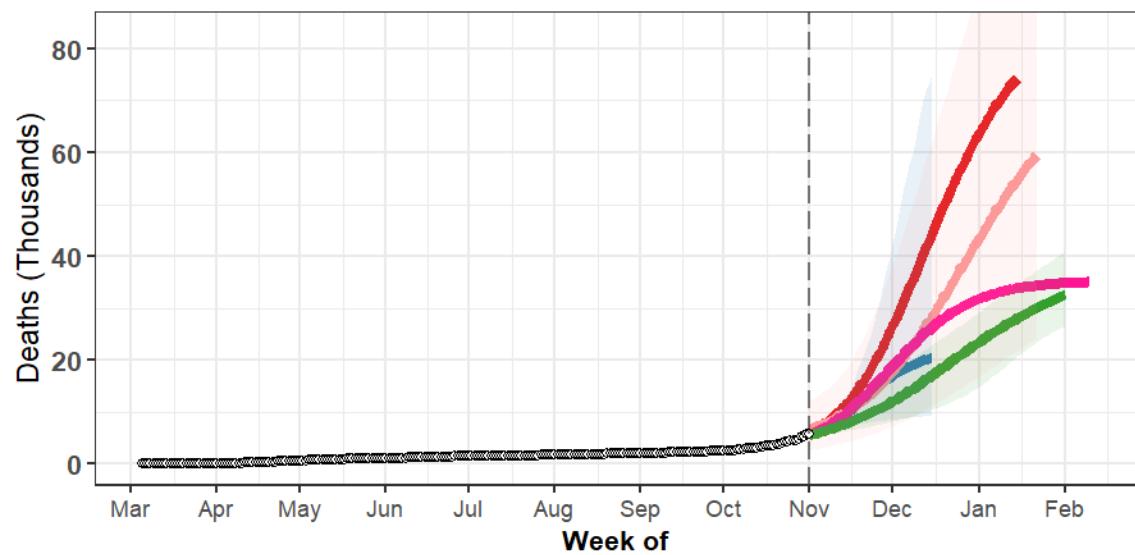
## All Cumulative Errors



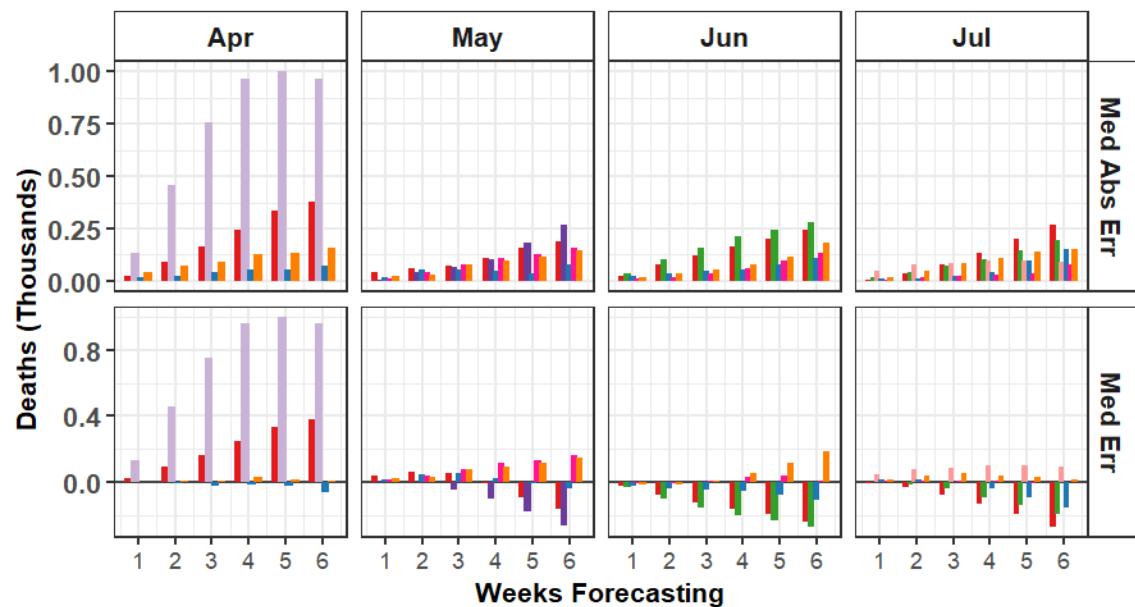
# Poland

## Current Forecast

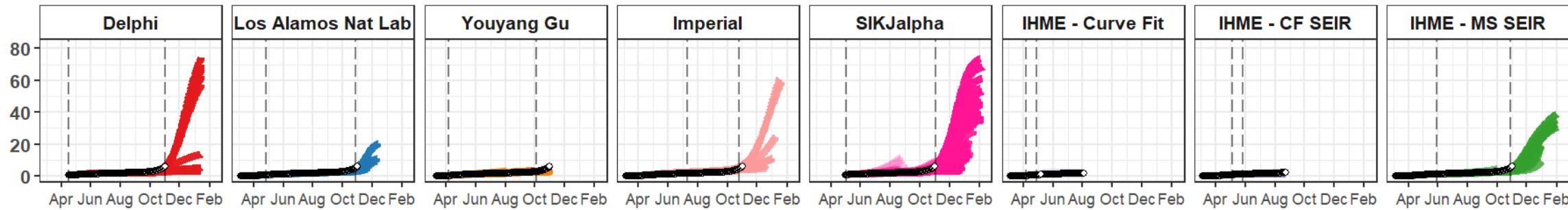
— Delphi      — Youyang Gu      — SIKJalpha  
— Los Alamos Nat Lab      — Imperial      — IHME - MS SEIR



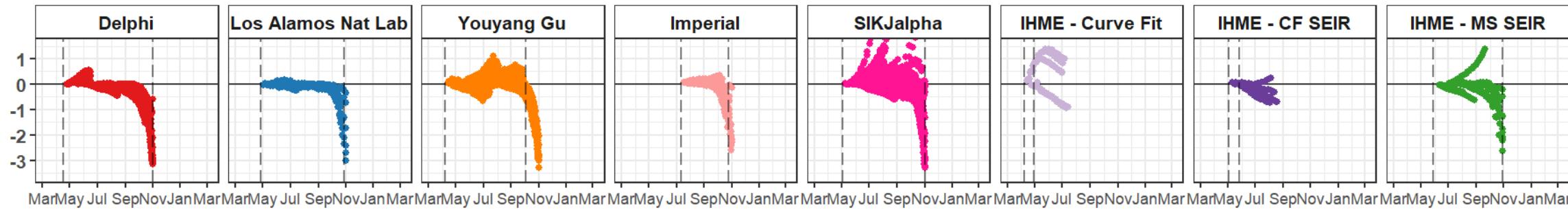
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

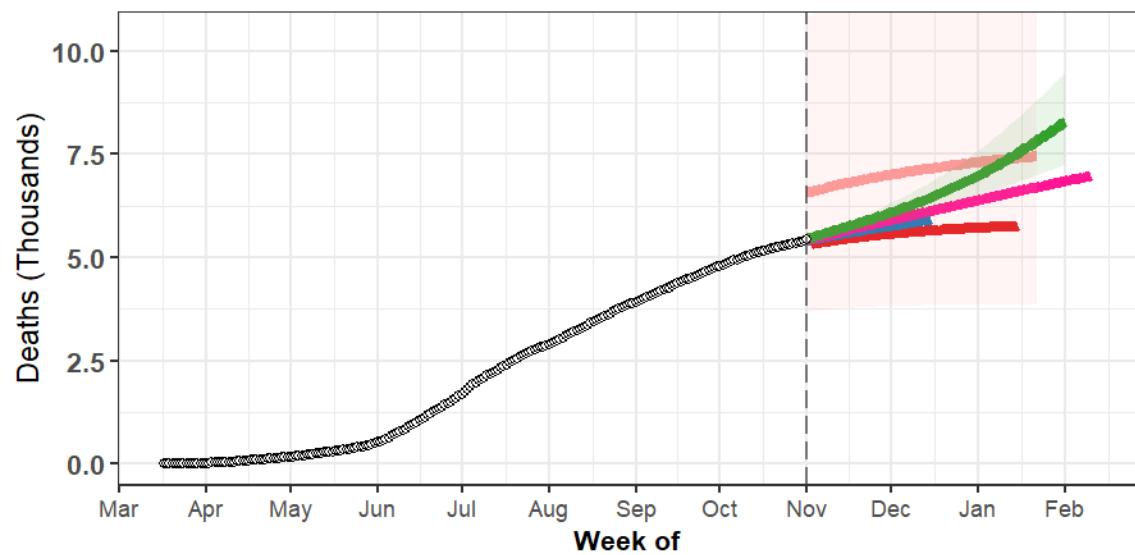


## All Cumulative Errors

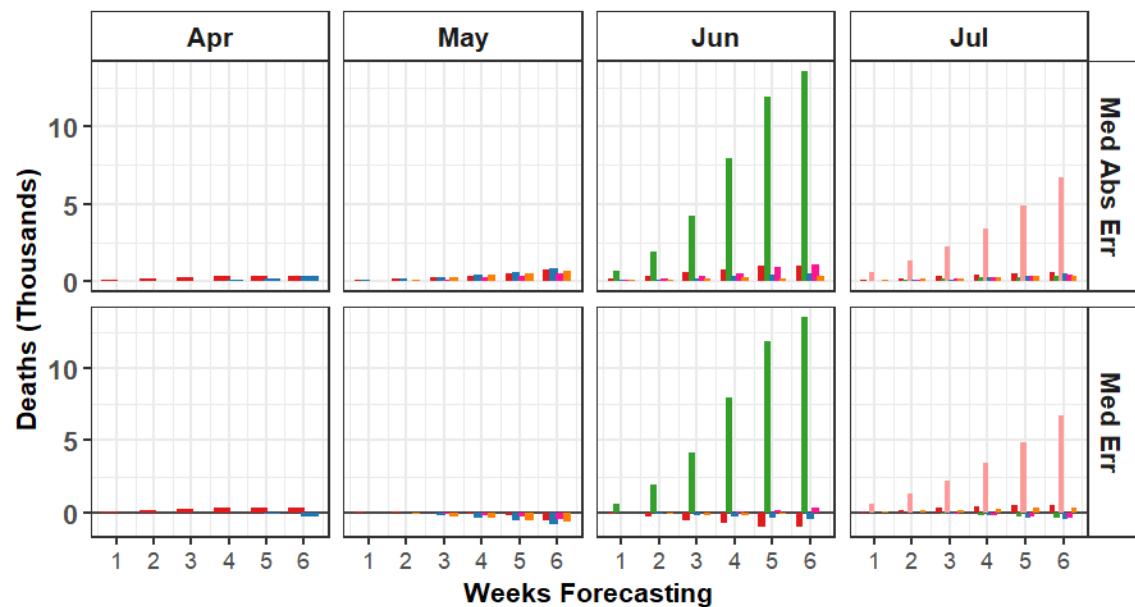


# Saudi Arabia

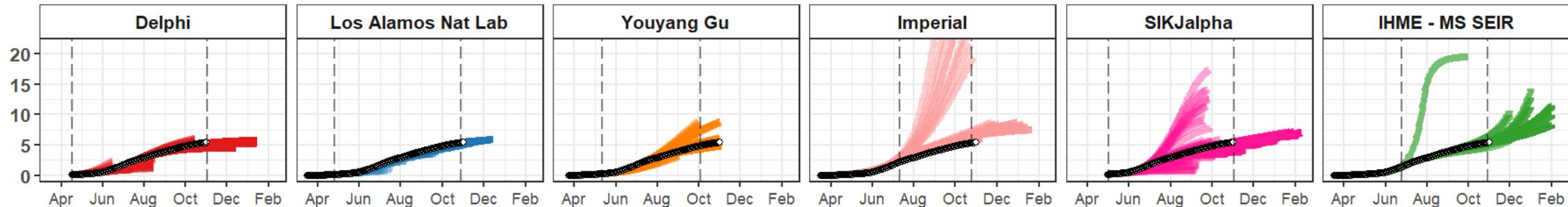
## Current Forecast



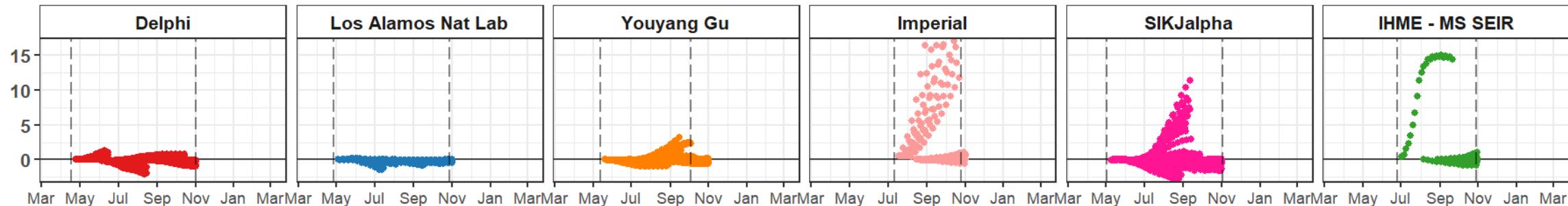
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

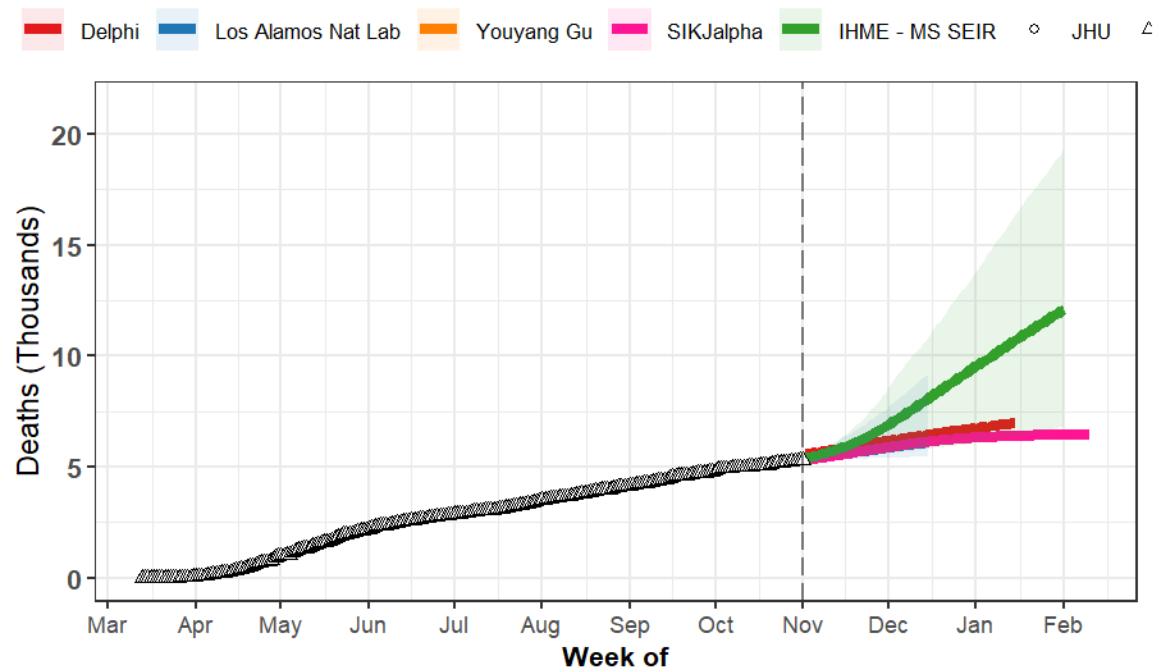


## All Cumulative Errors

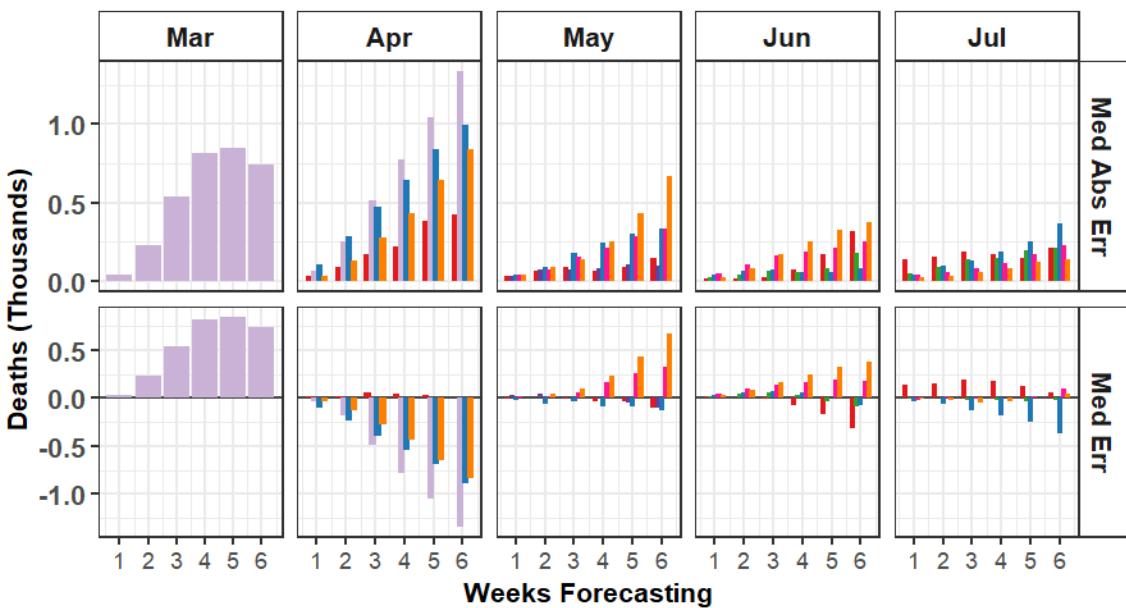


# Ohio

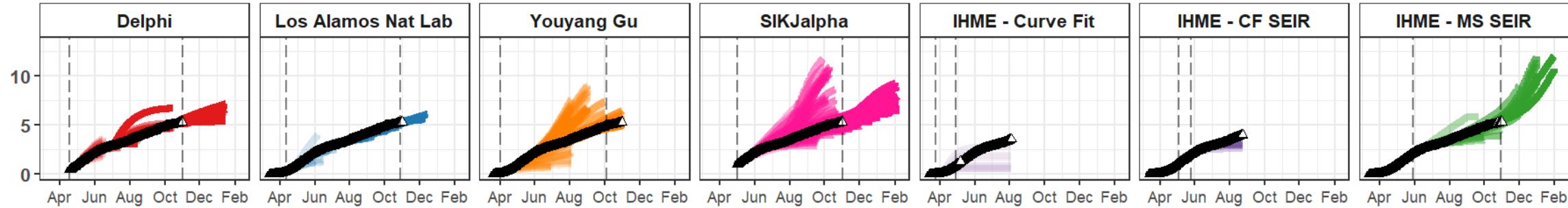
## Current Forecast



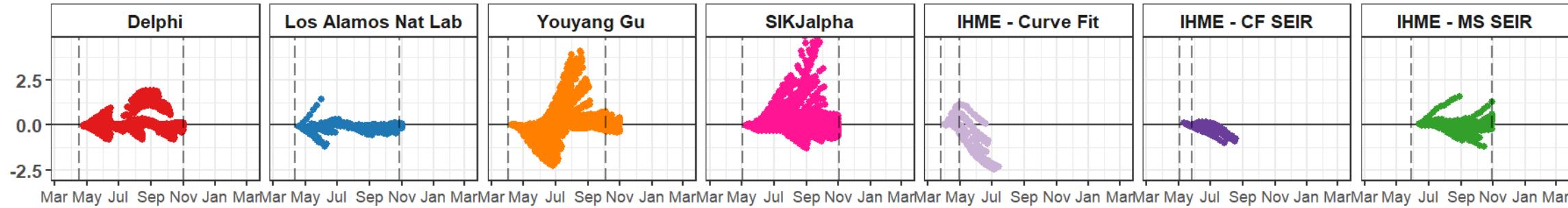
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



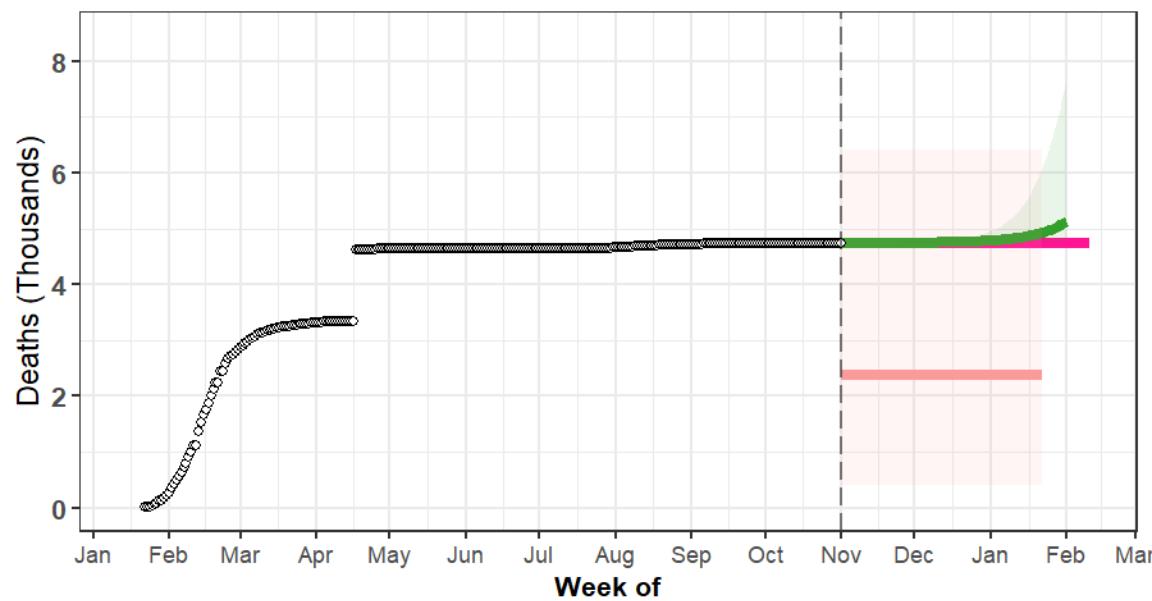
## All Cumulative Errors



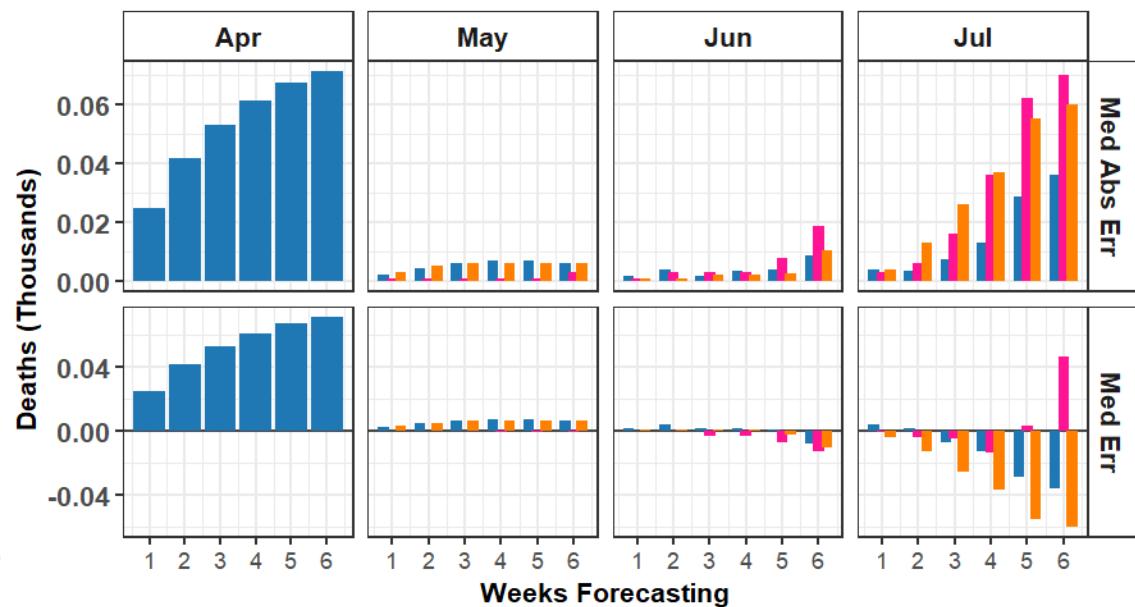
# China

## Current Forecast

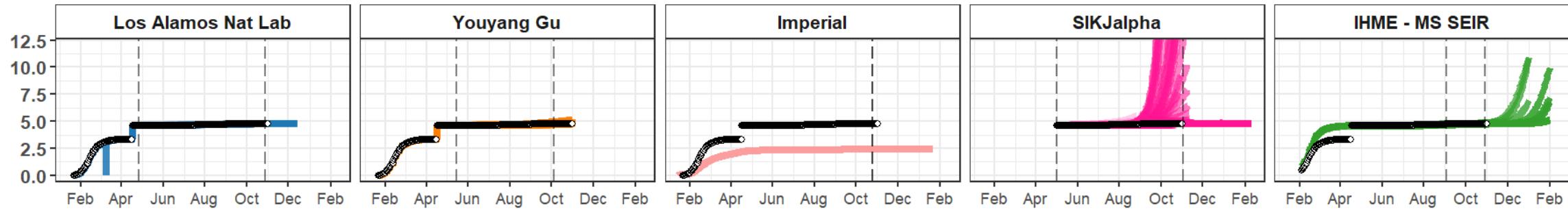
Los Alamos Nat Lab Youyang Gu Imperial SIKJalpha IHME - MS SEIR



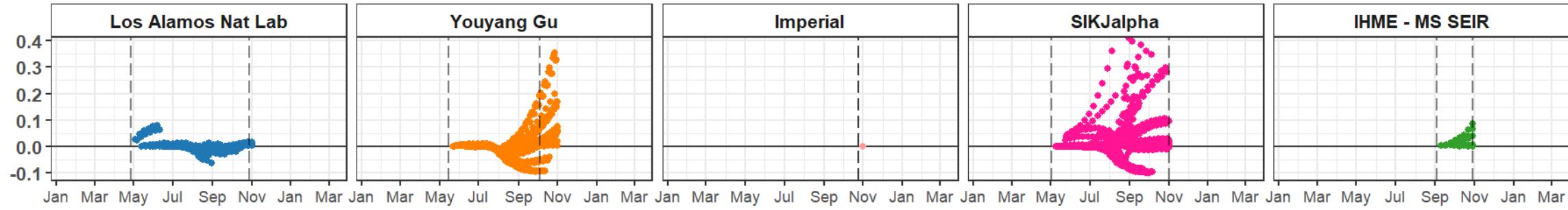
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

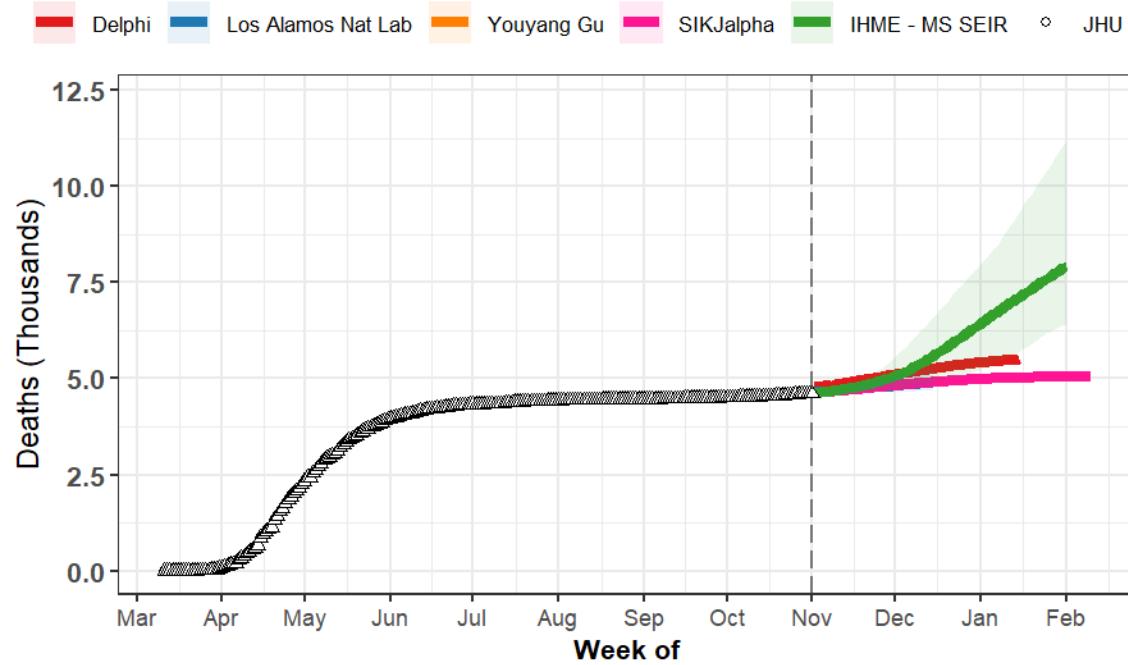


## All Cumulative Errors

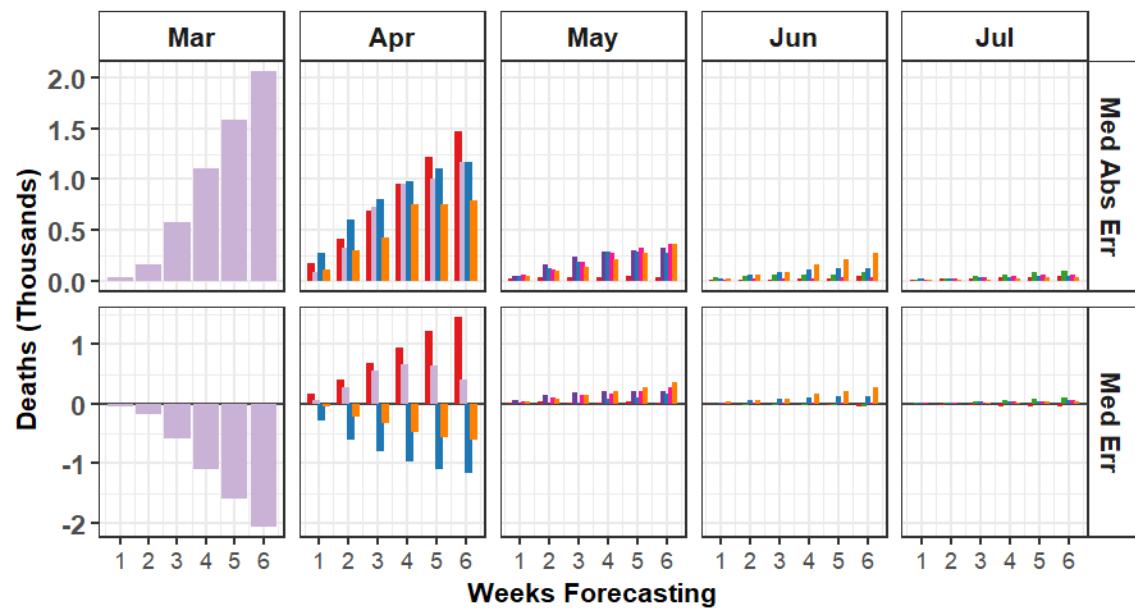


# Connecticut

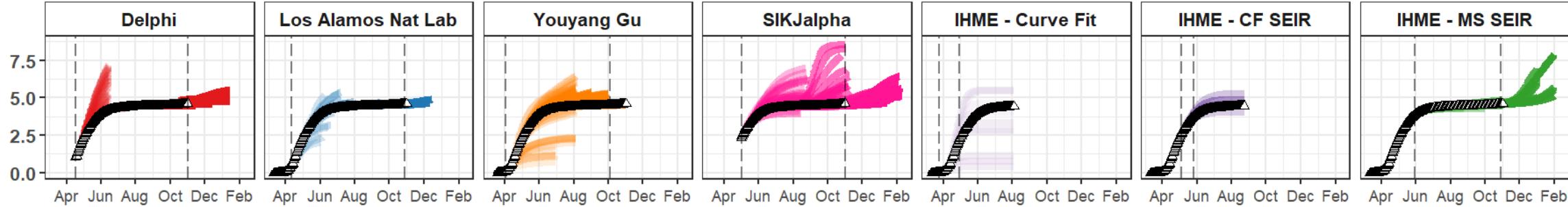
## Current Forecast



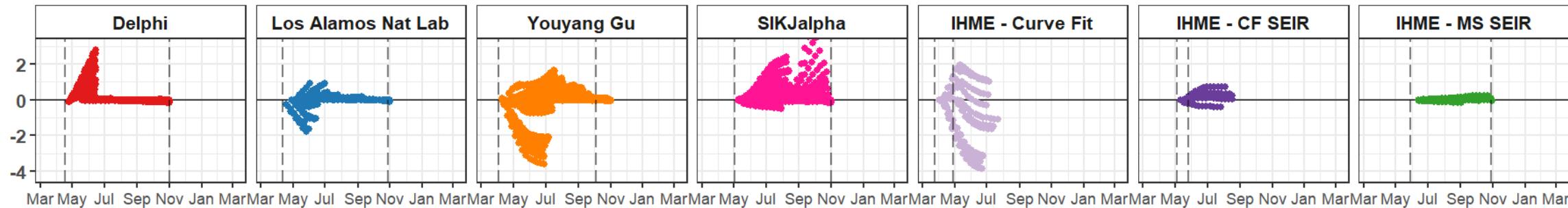
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

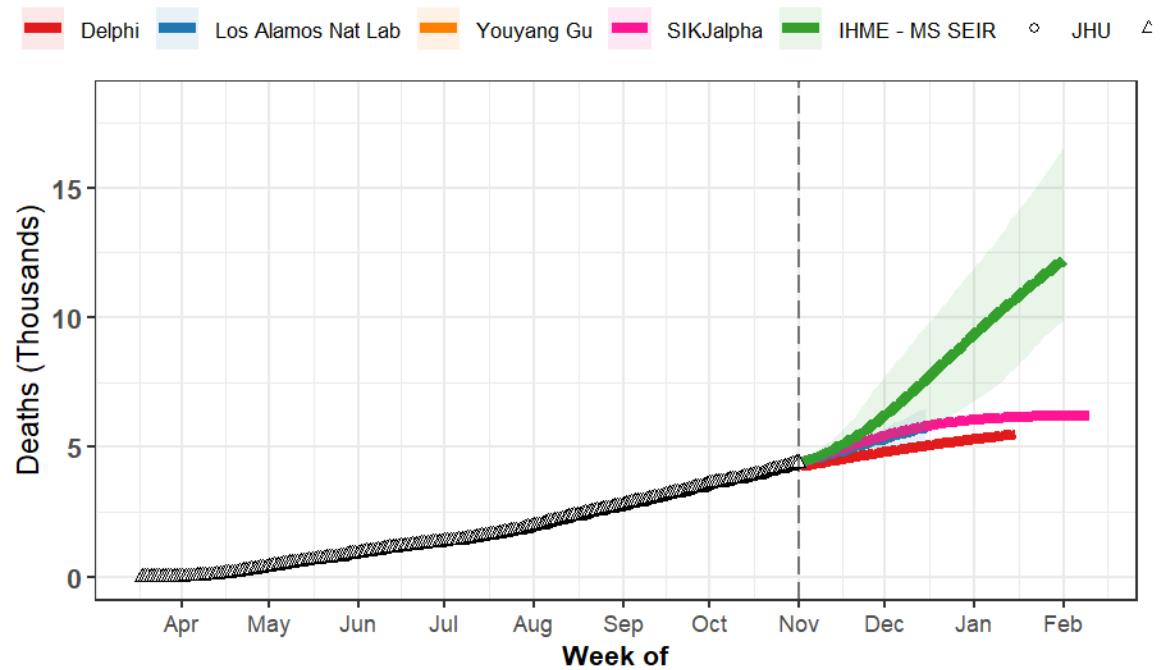


## All Cumulative Errors

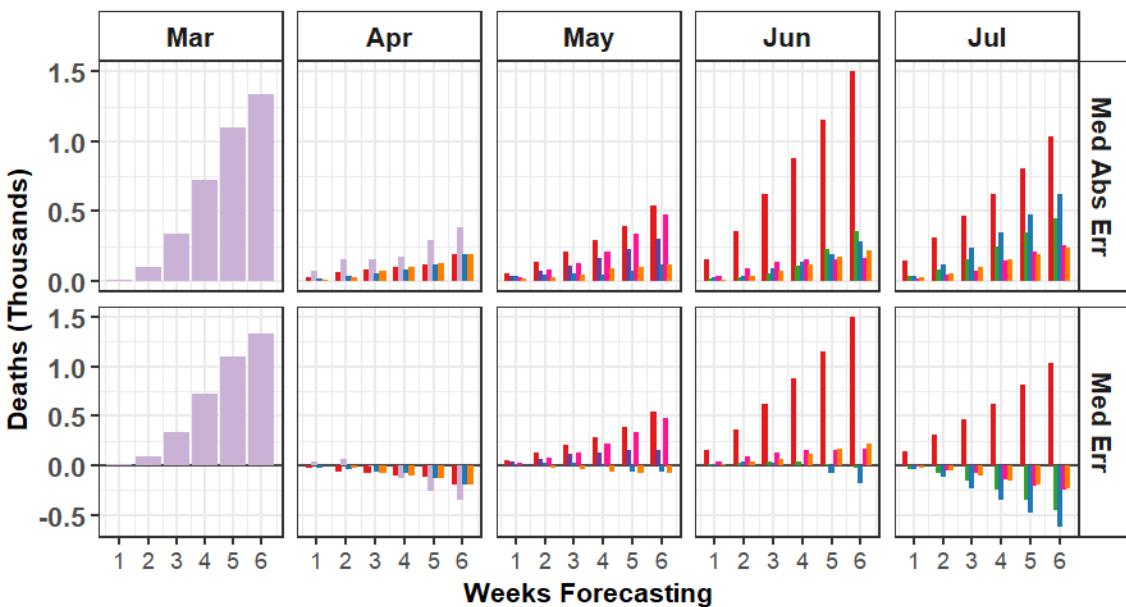


# North Carolina

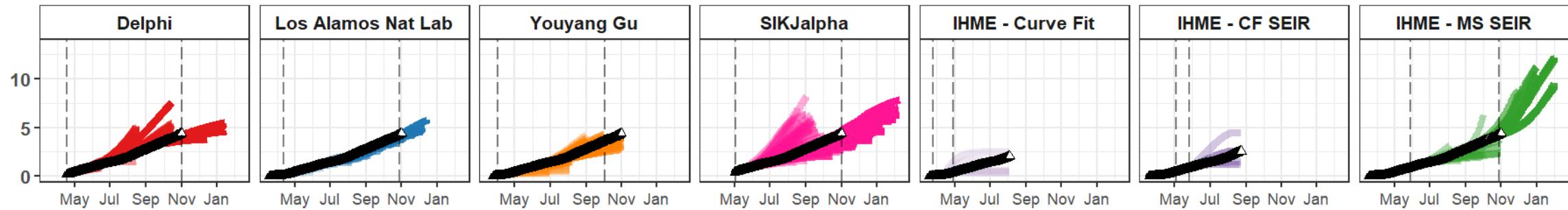
## Current Forecast



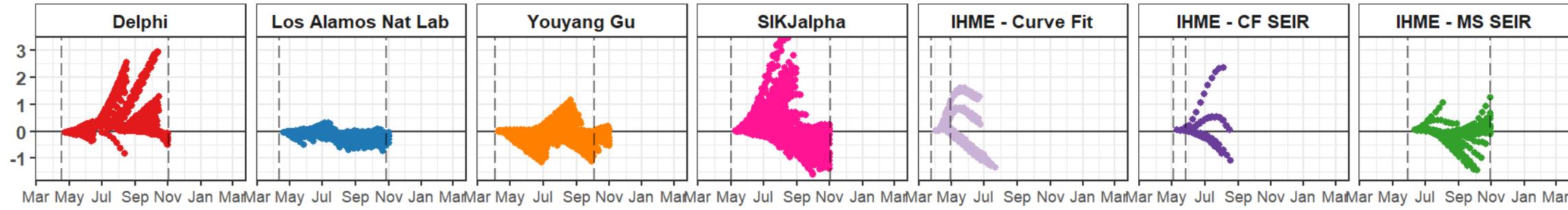
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

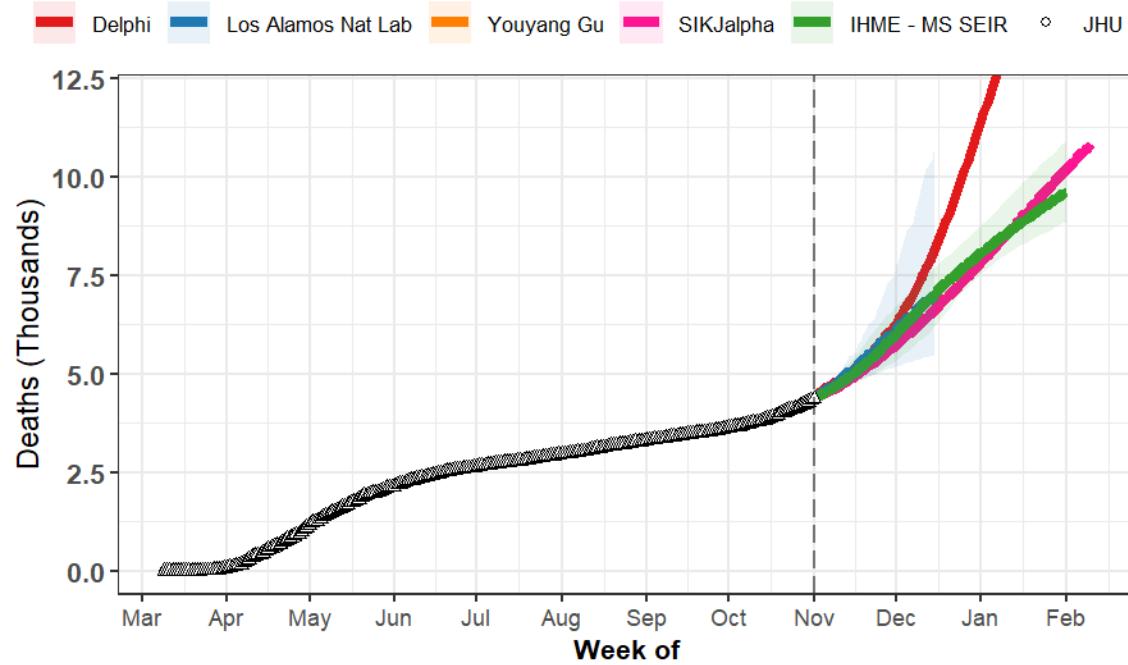


## All Cumulative Errors

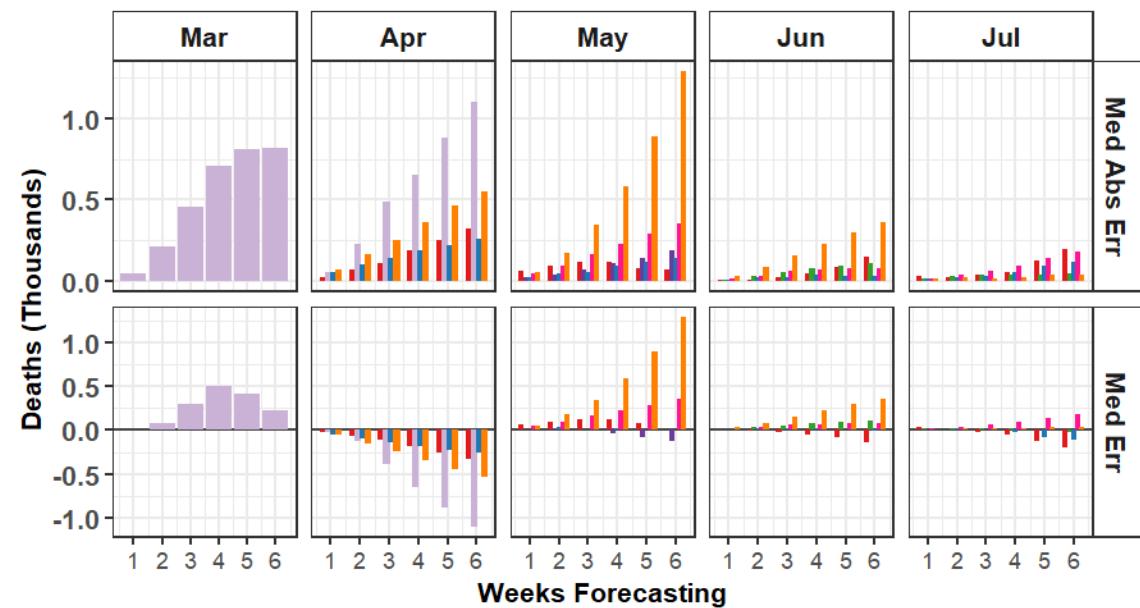


# Indiana

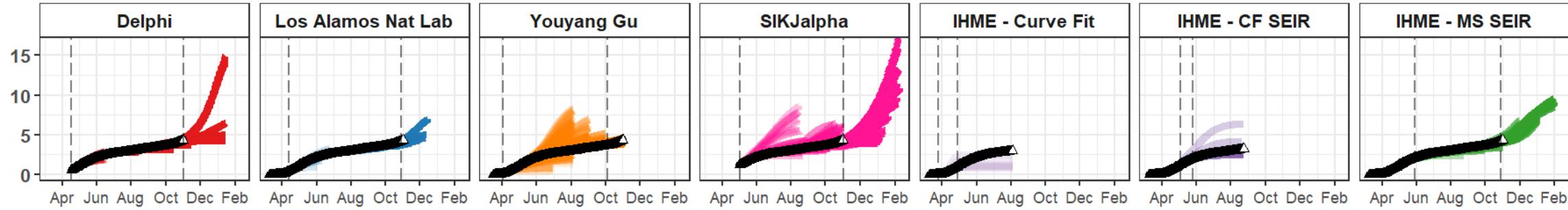
## Current Forecast



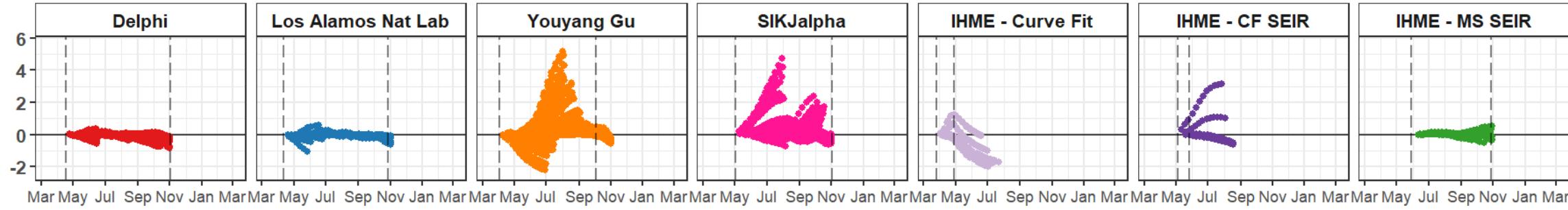
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

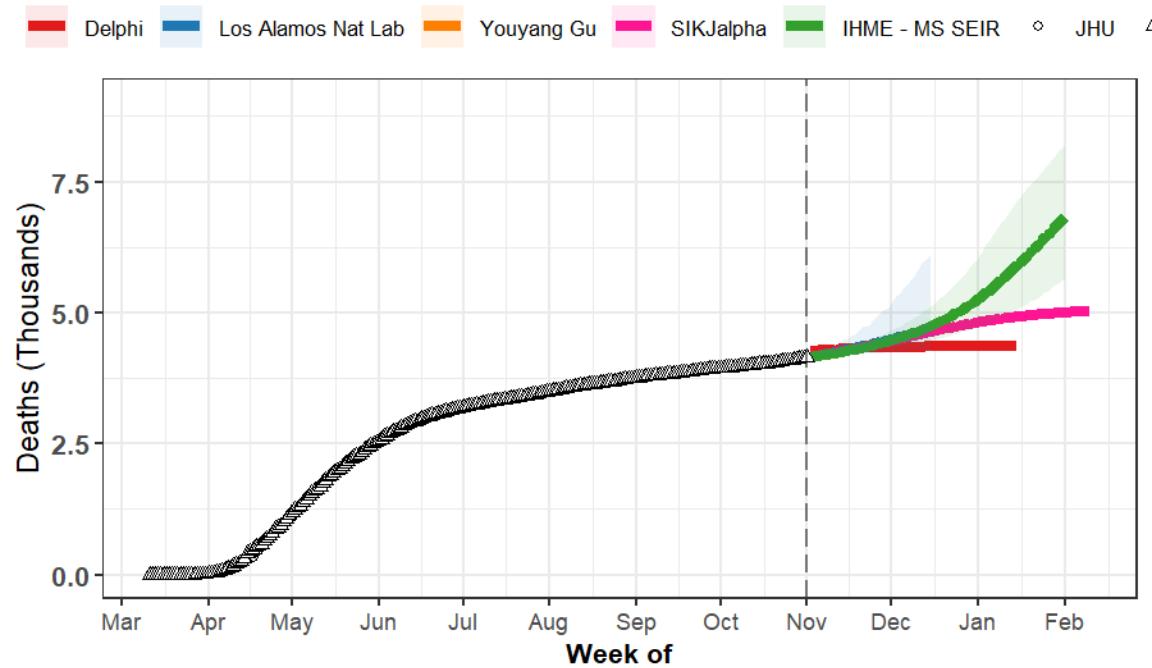


## All Cumulative Errors

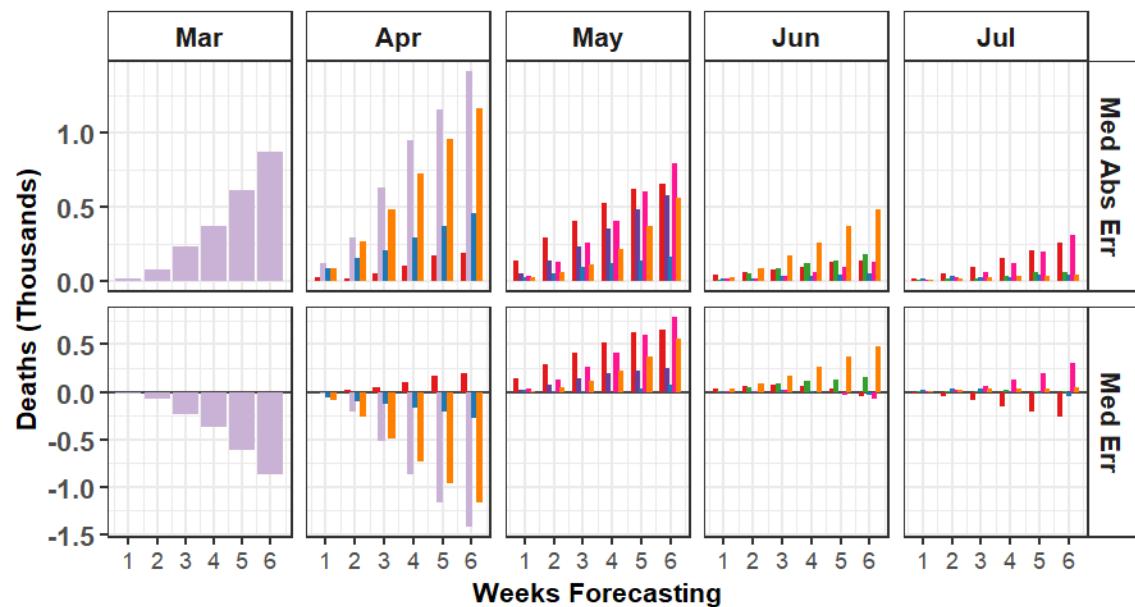


# Maryland

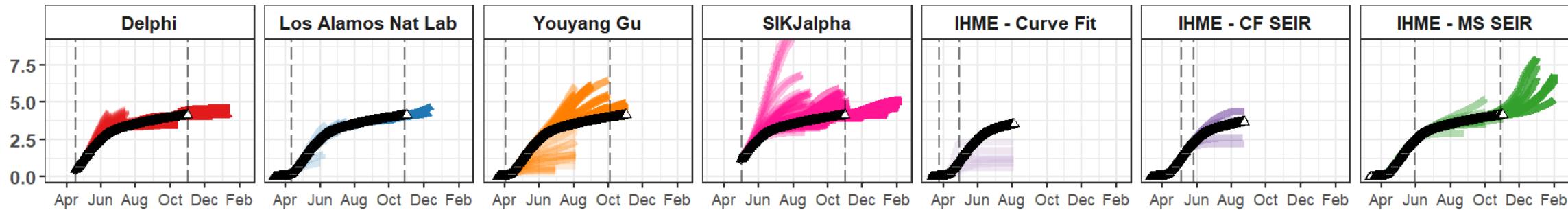
## Current Forecast



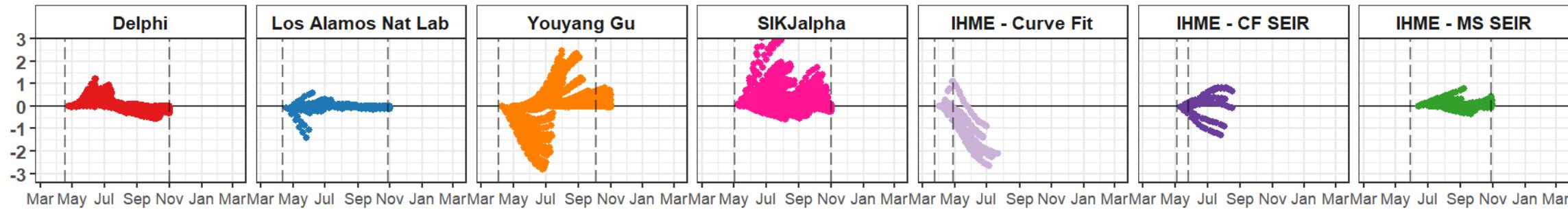
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

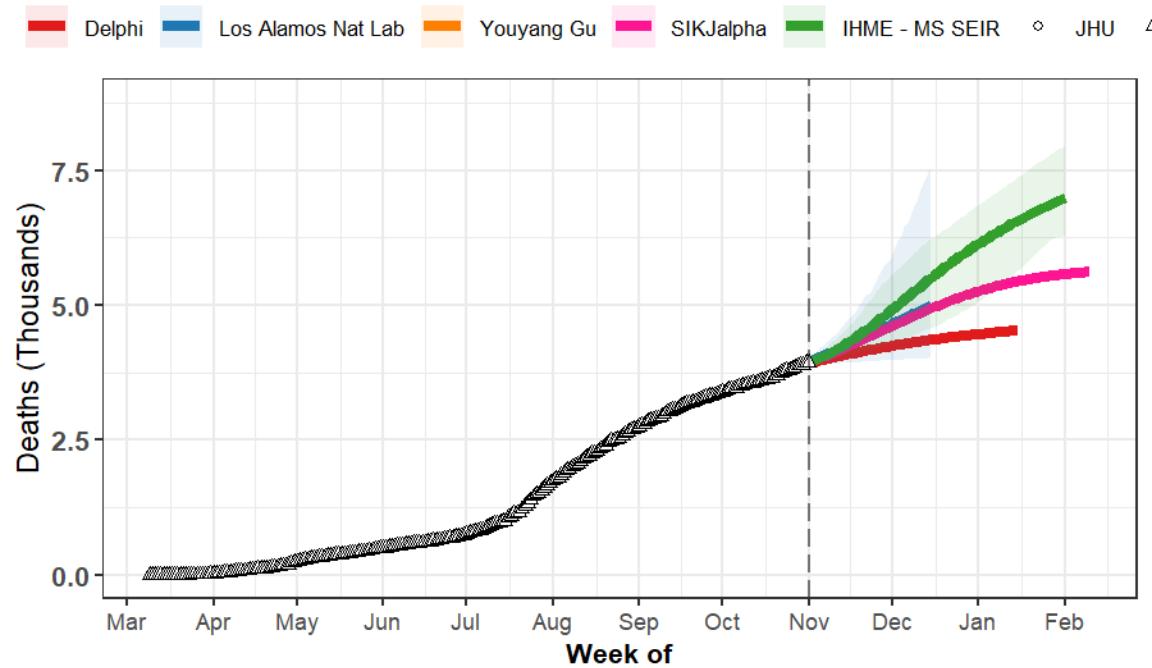


## All Cumulative Errors

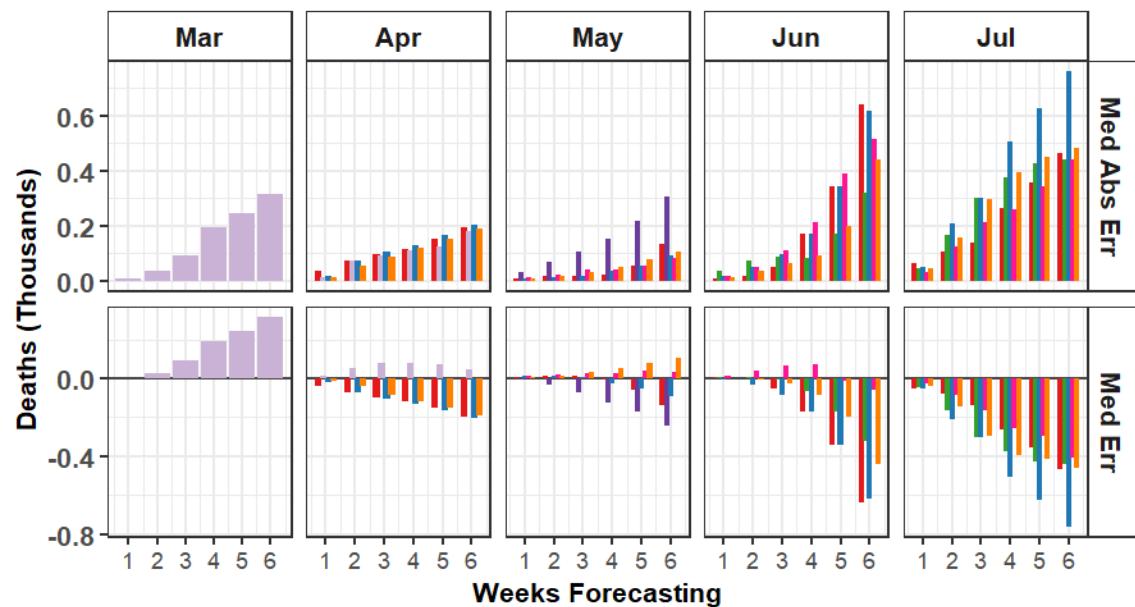


# South Carolina

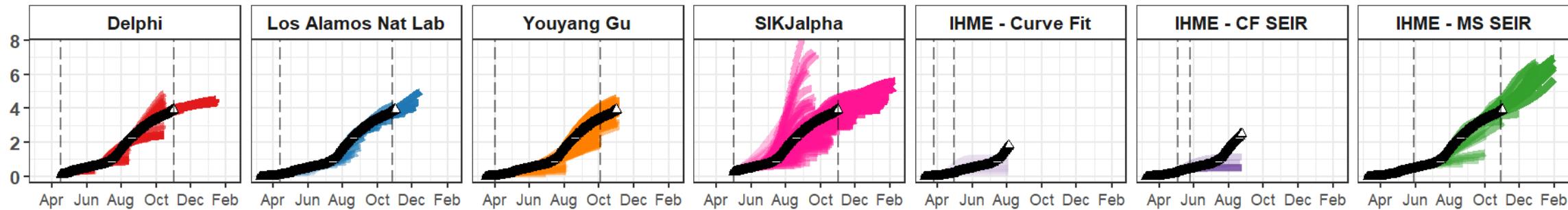
## Current Forecast



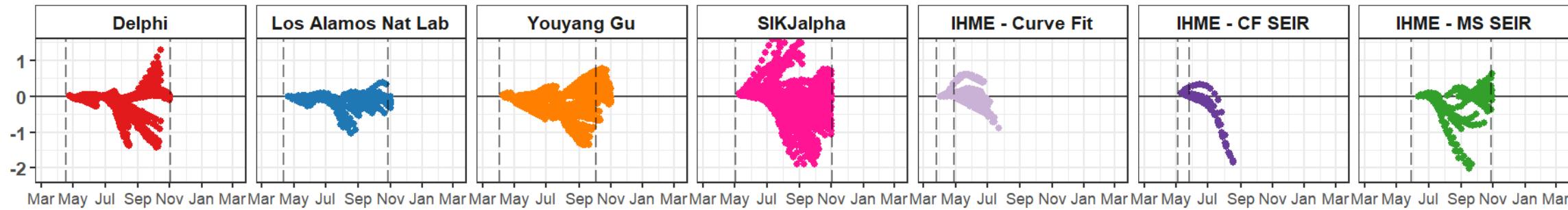
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

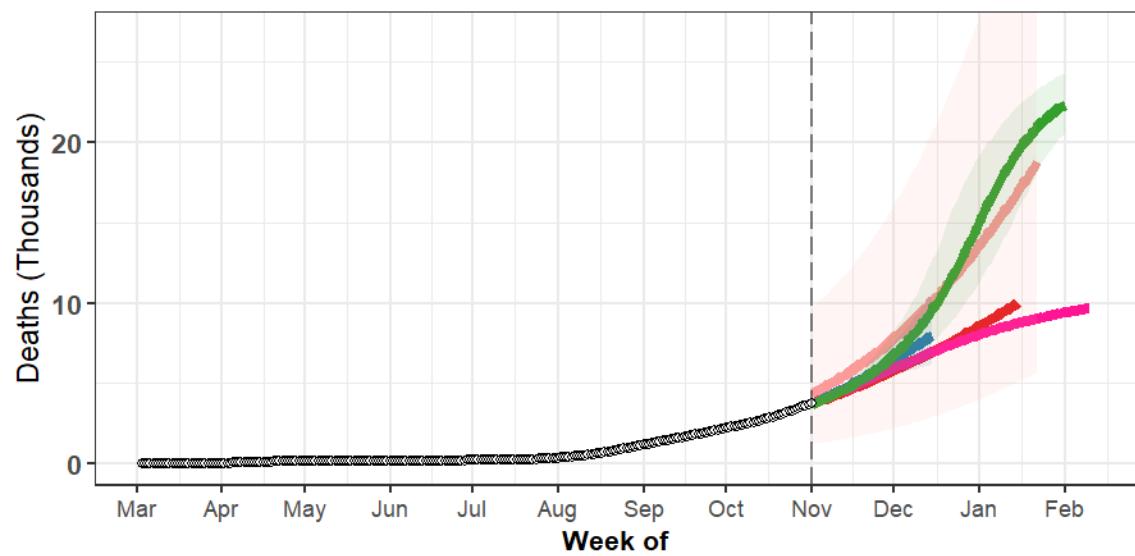


## All Cumulative Errors

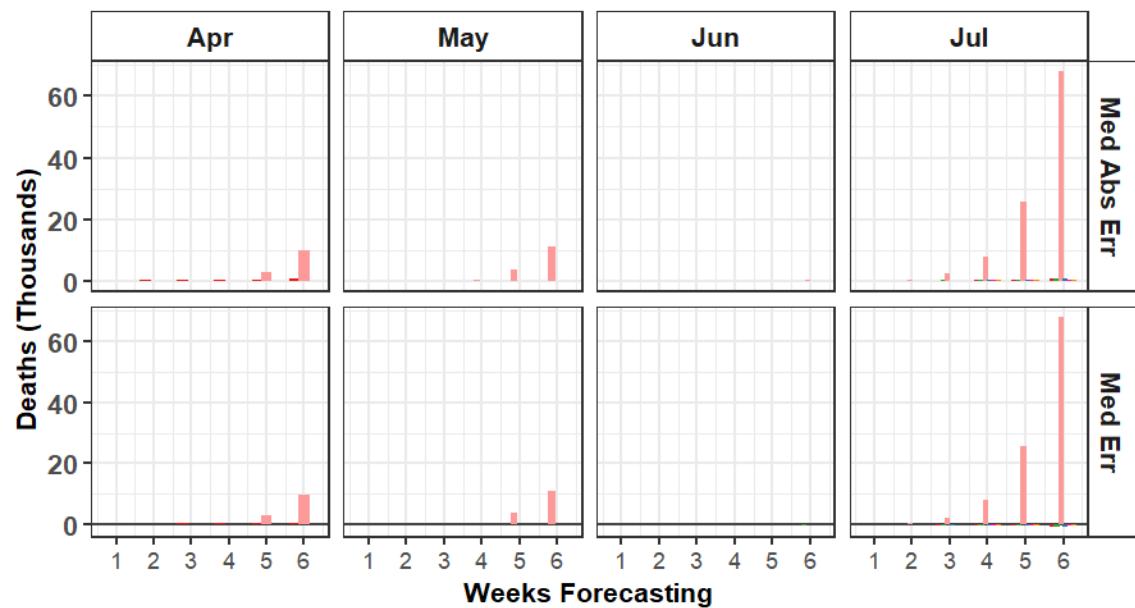


# Morocco

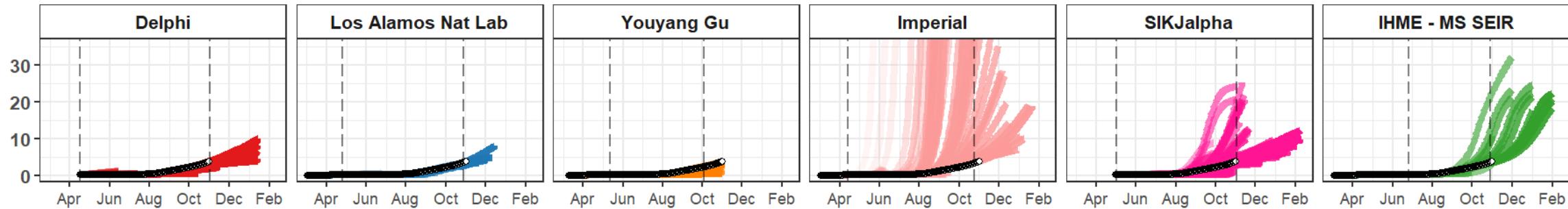
## Current Forecast



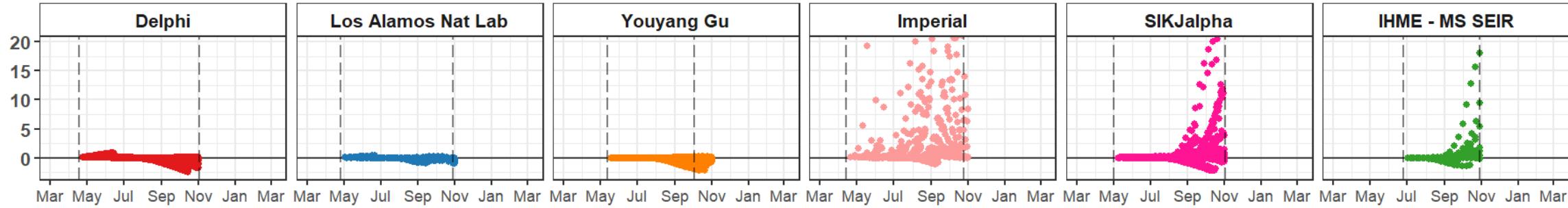
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

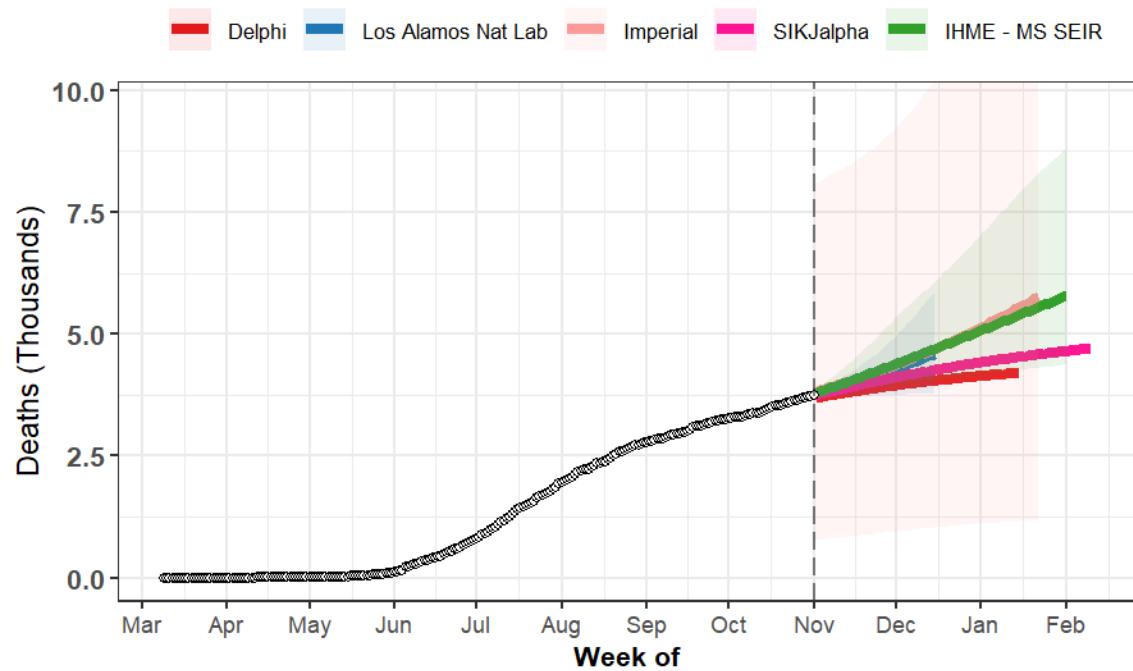


## All Cumulative Errors

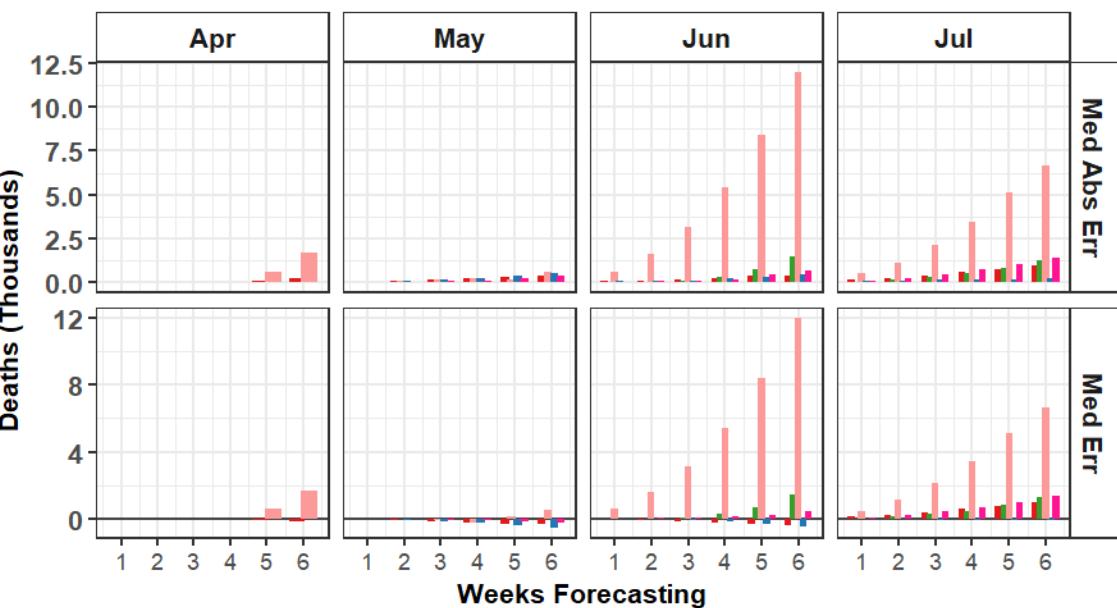


# Guatemala

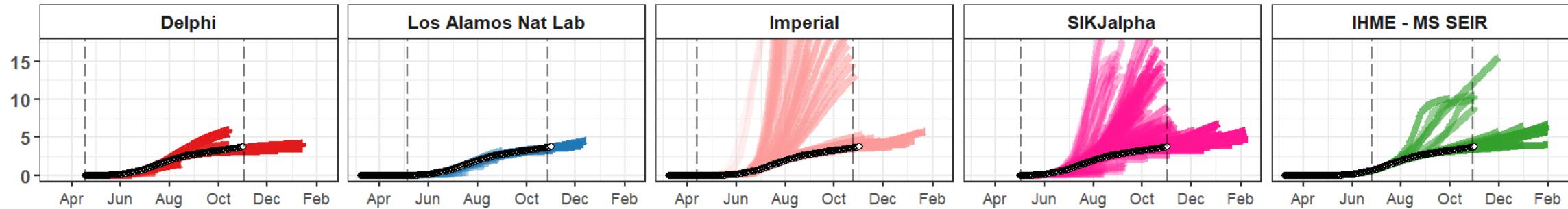
## Current Forecast



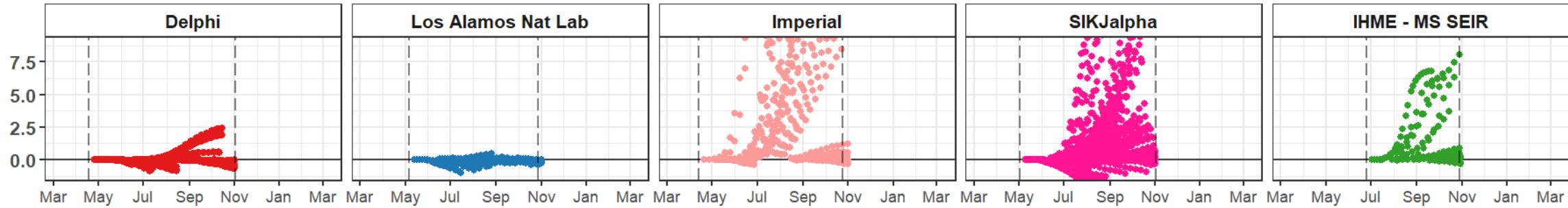
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

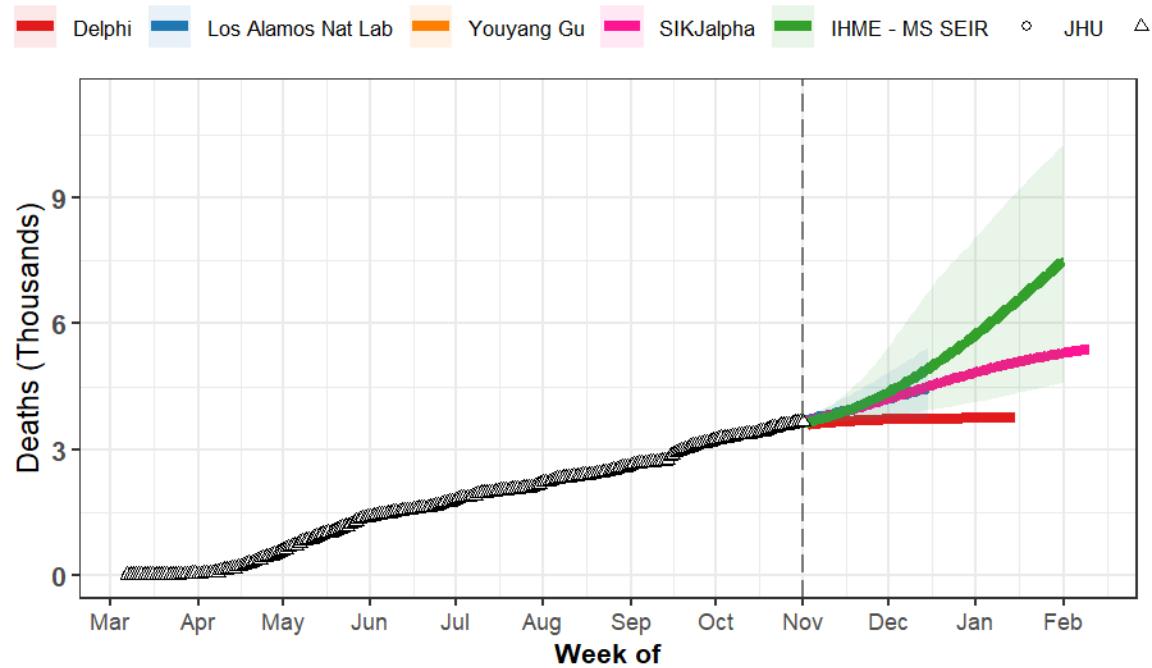


## All Cumulative Errors

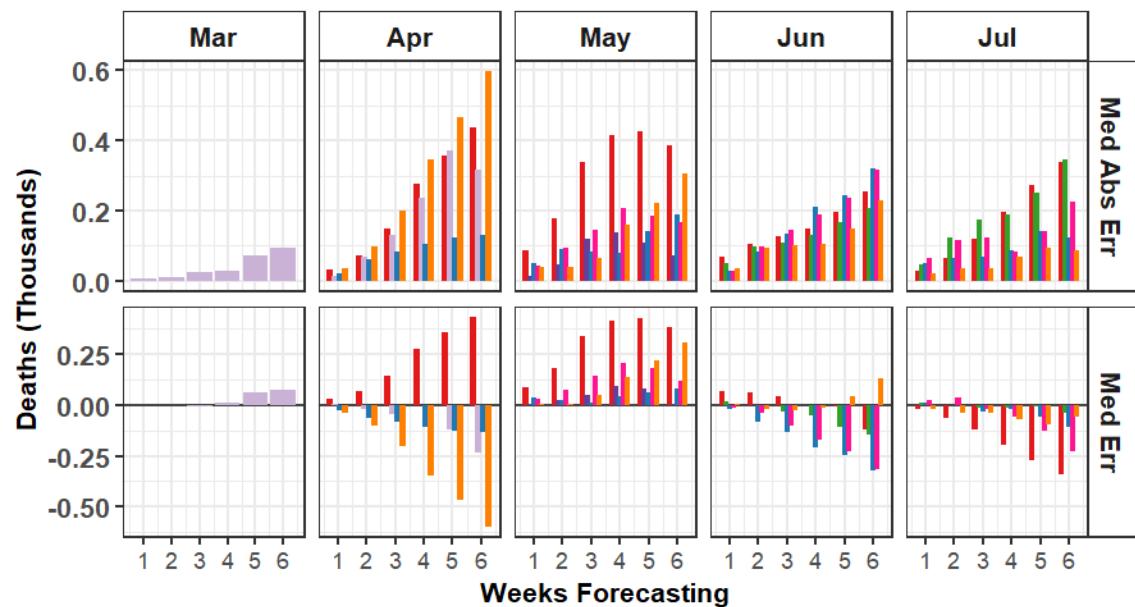


# Virginia

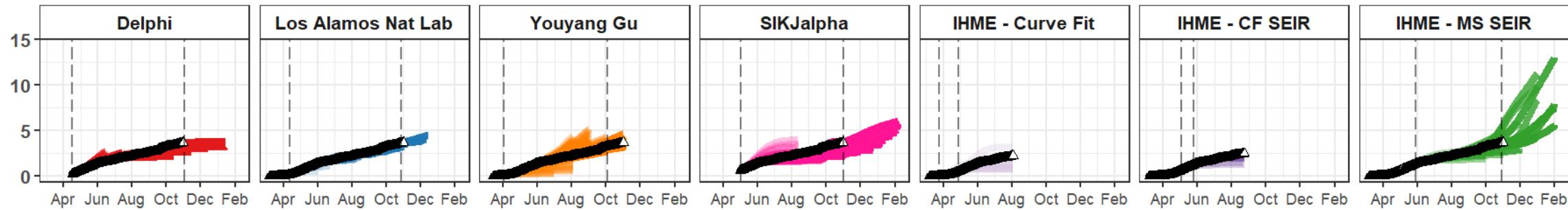
## Current Forecast



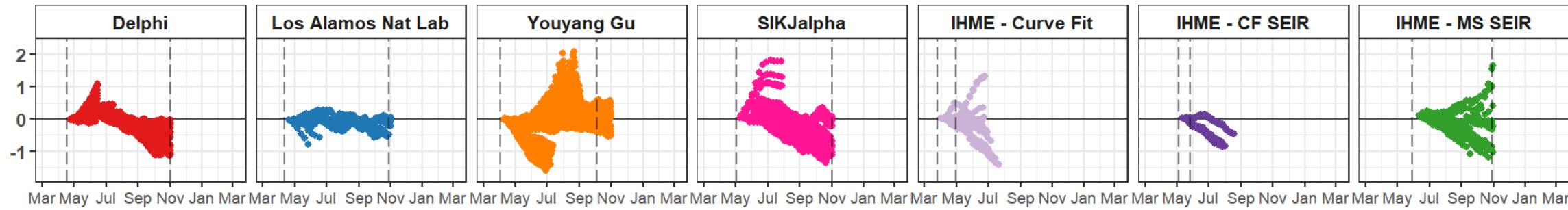
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

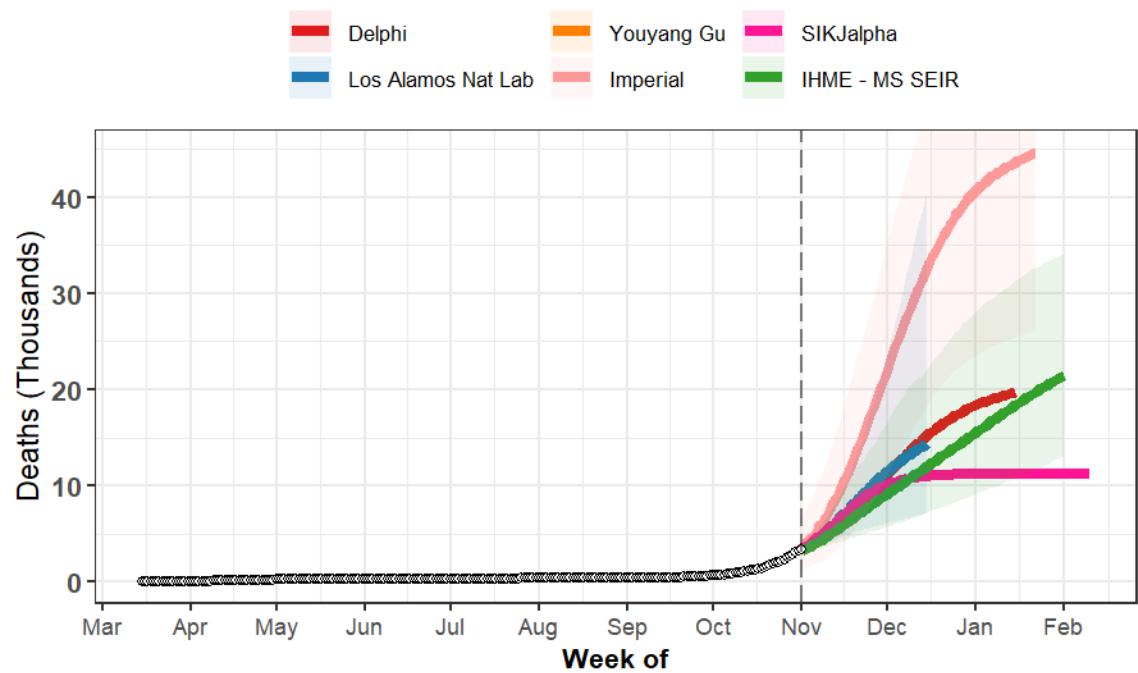


## All Cumulative Errors

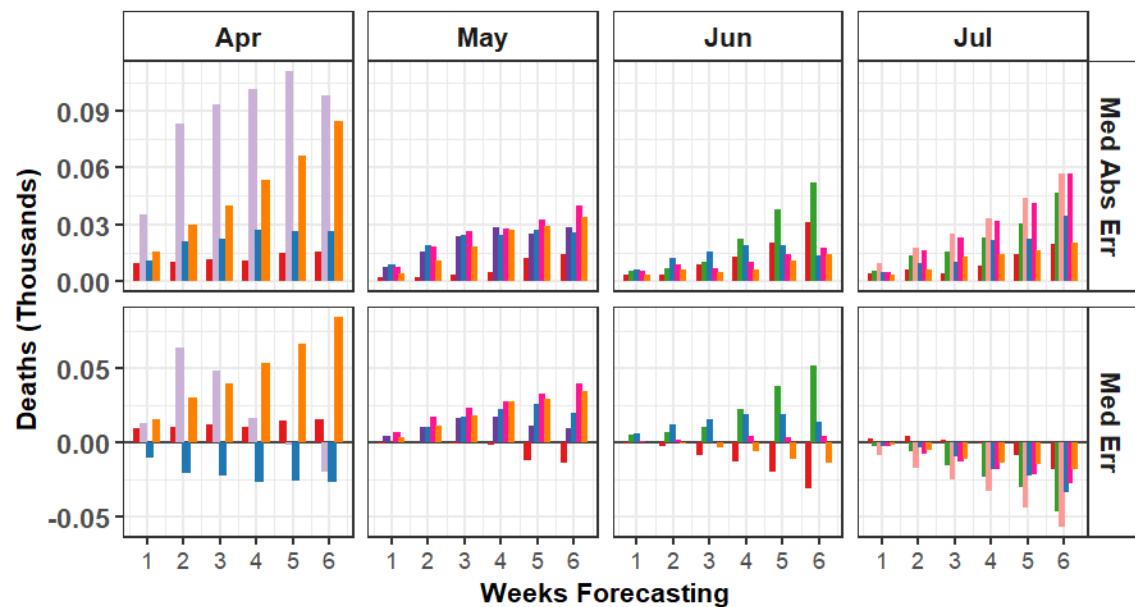


# Czech Republic

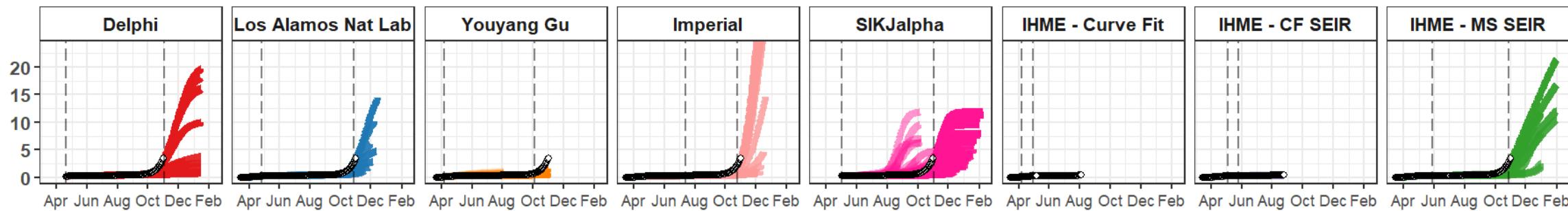
## Current Forecast



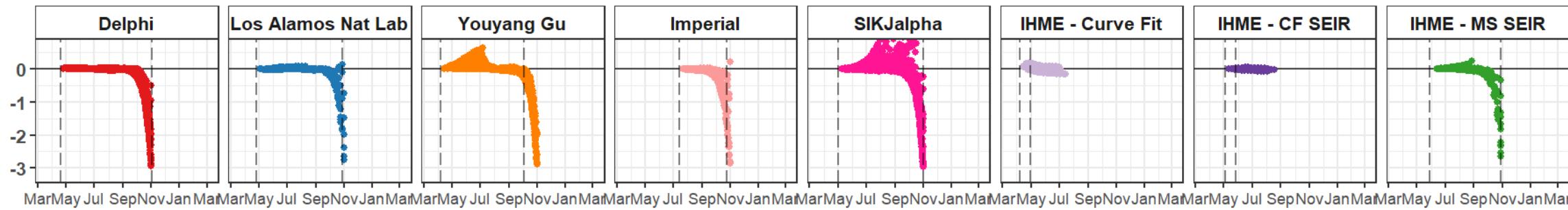
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

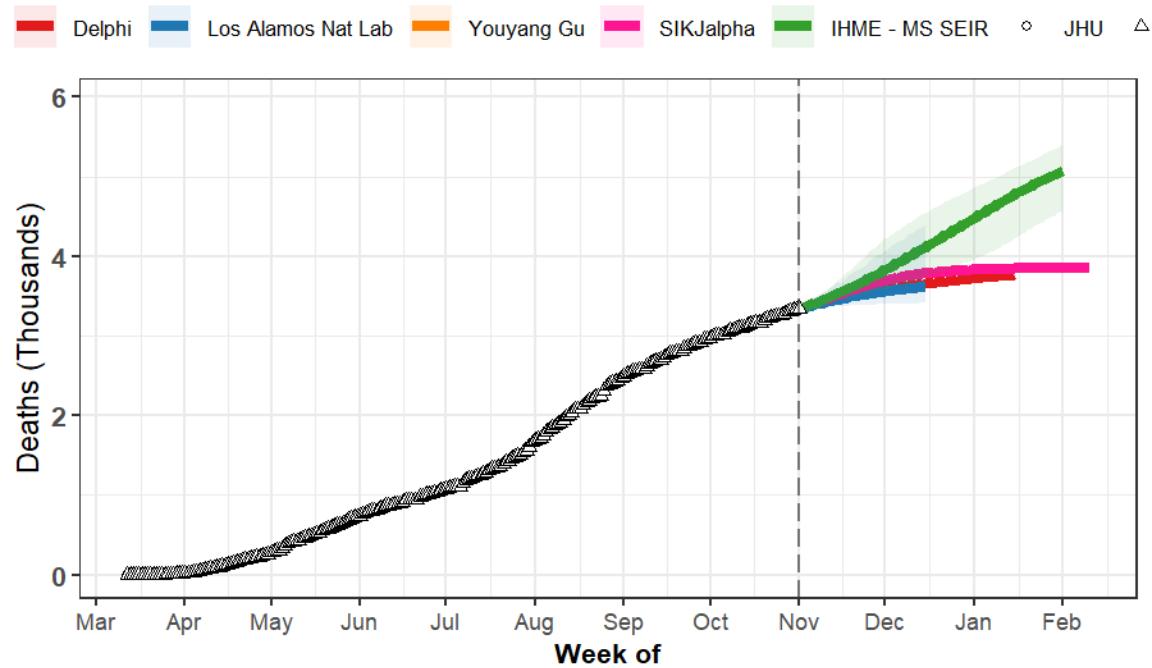


## All Cumulative Errors

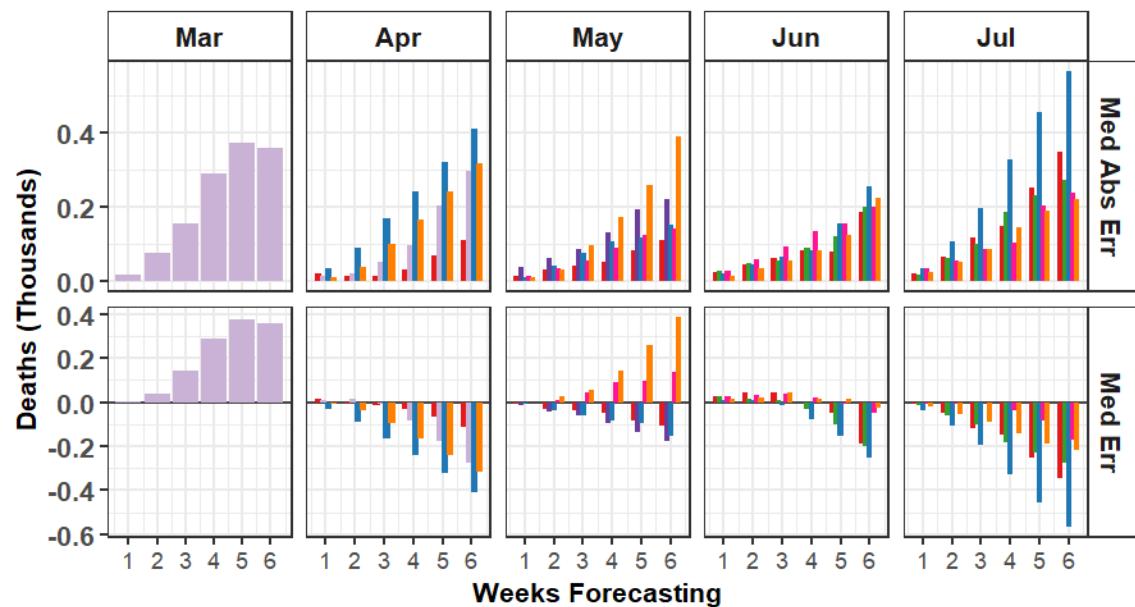


# Mississippi

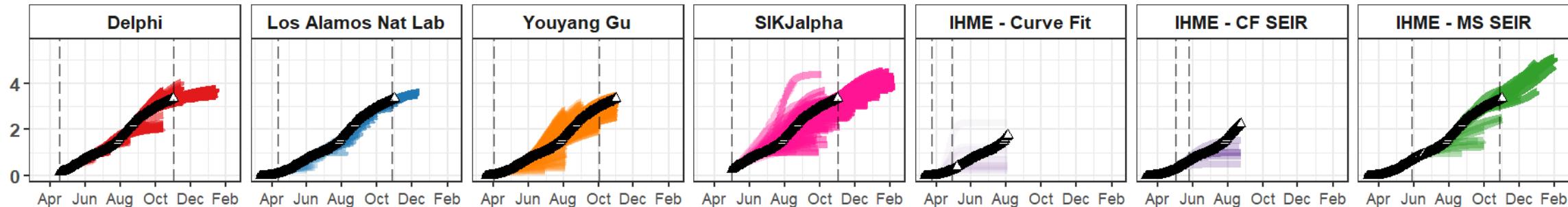
## Current Forecast



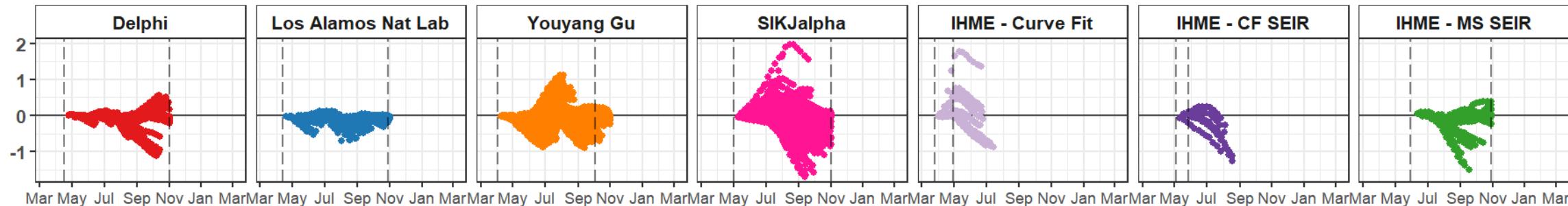
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

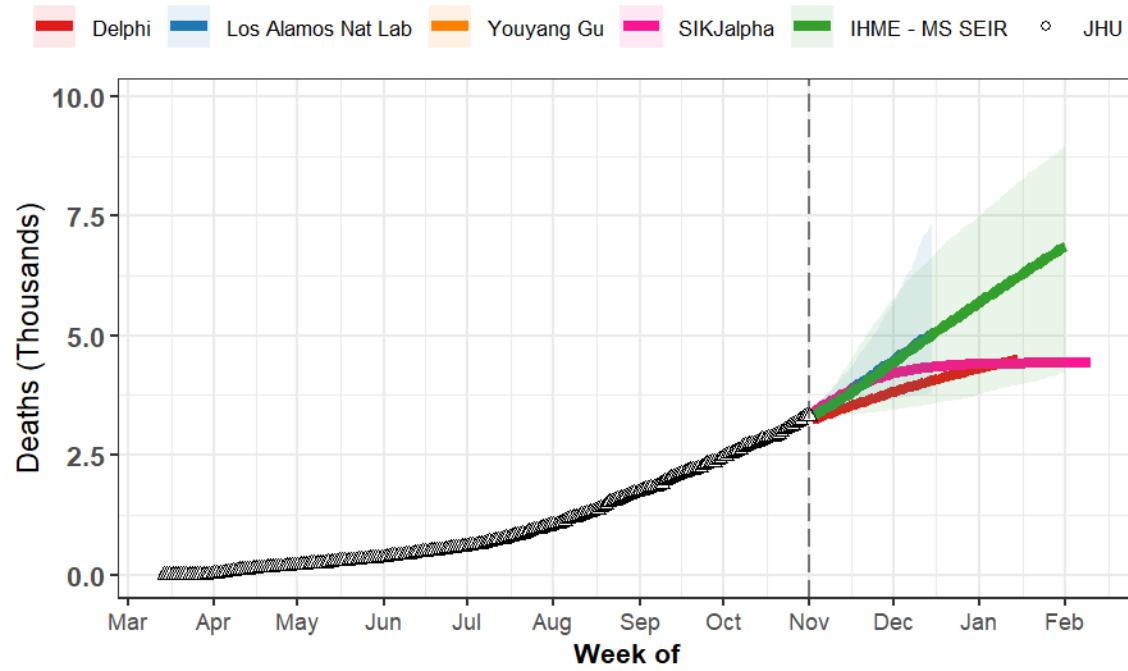


## All Cumulative Errors

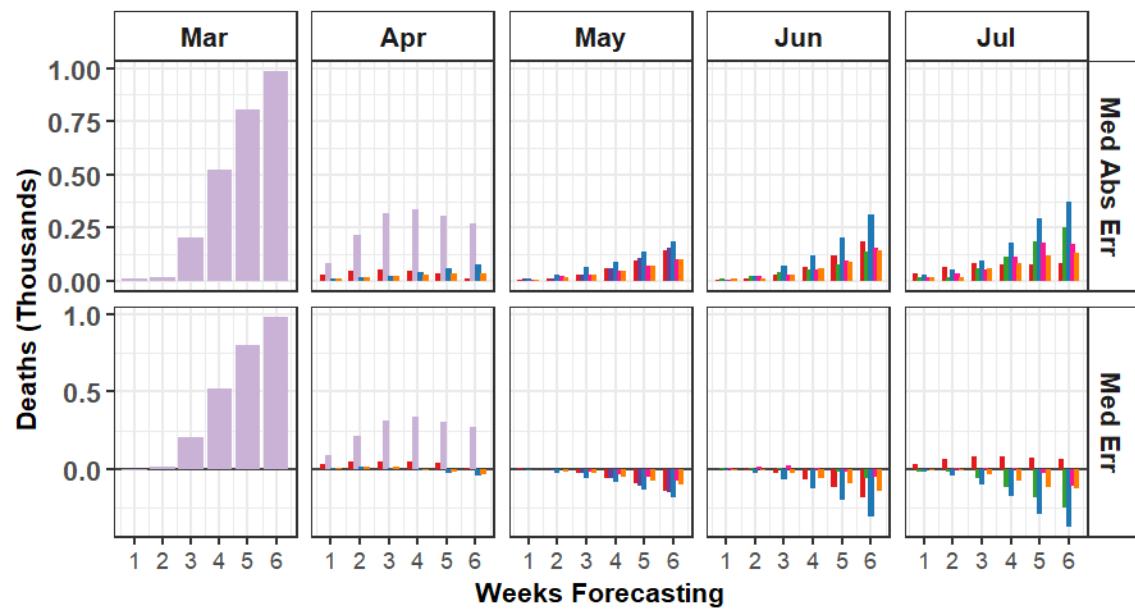


# Tennessee

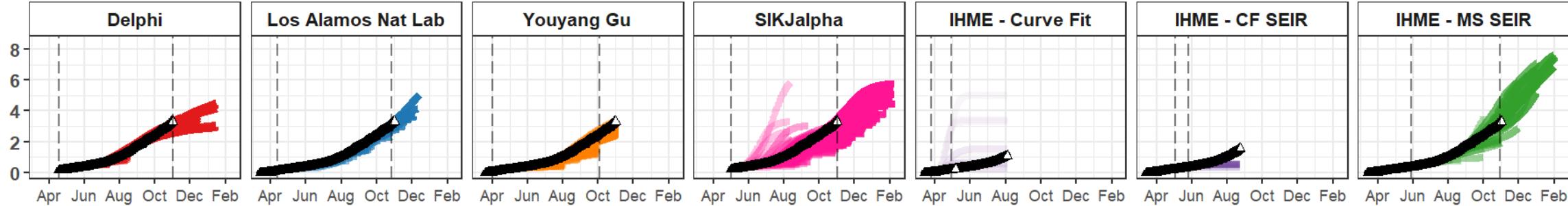
## Current Forecast



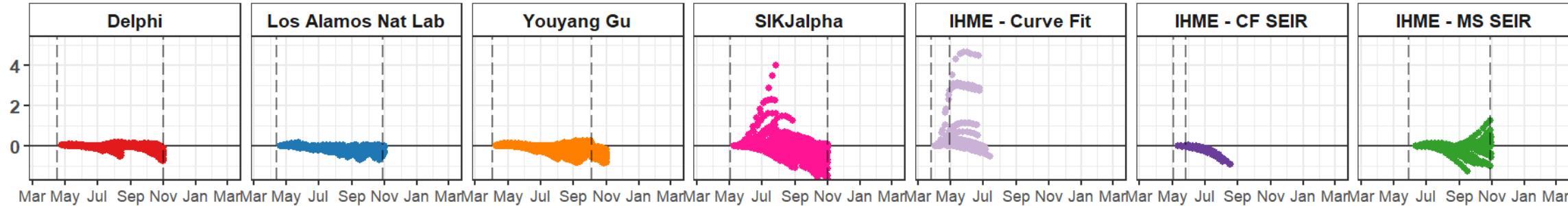
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

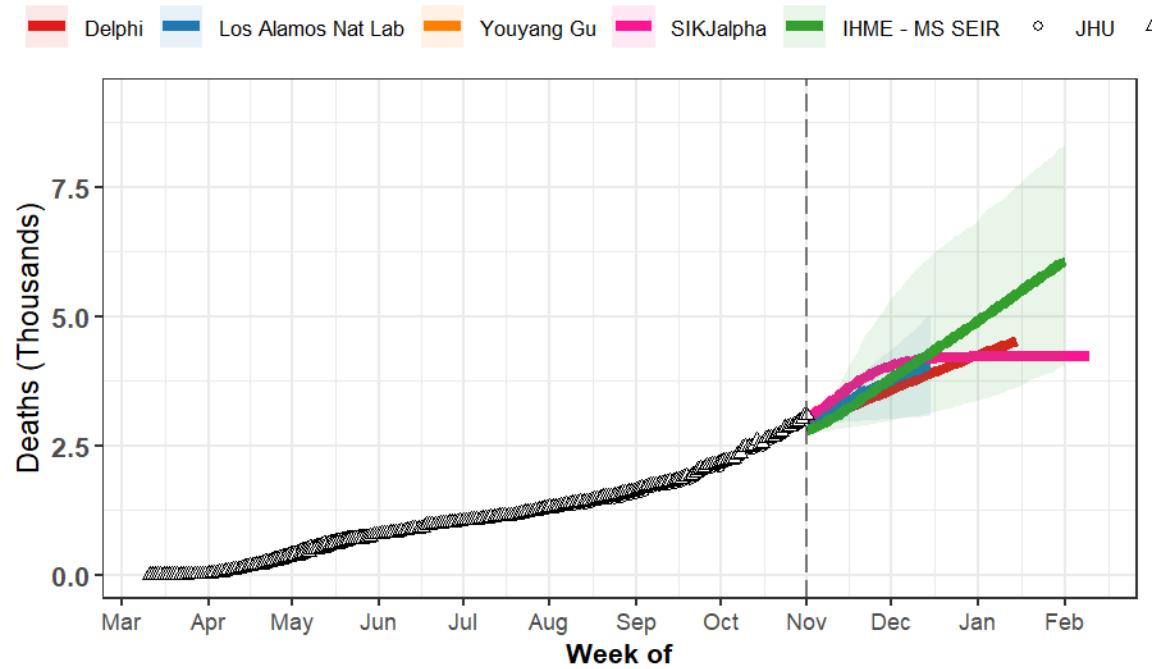


## All Cumulative Errors

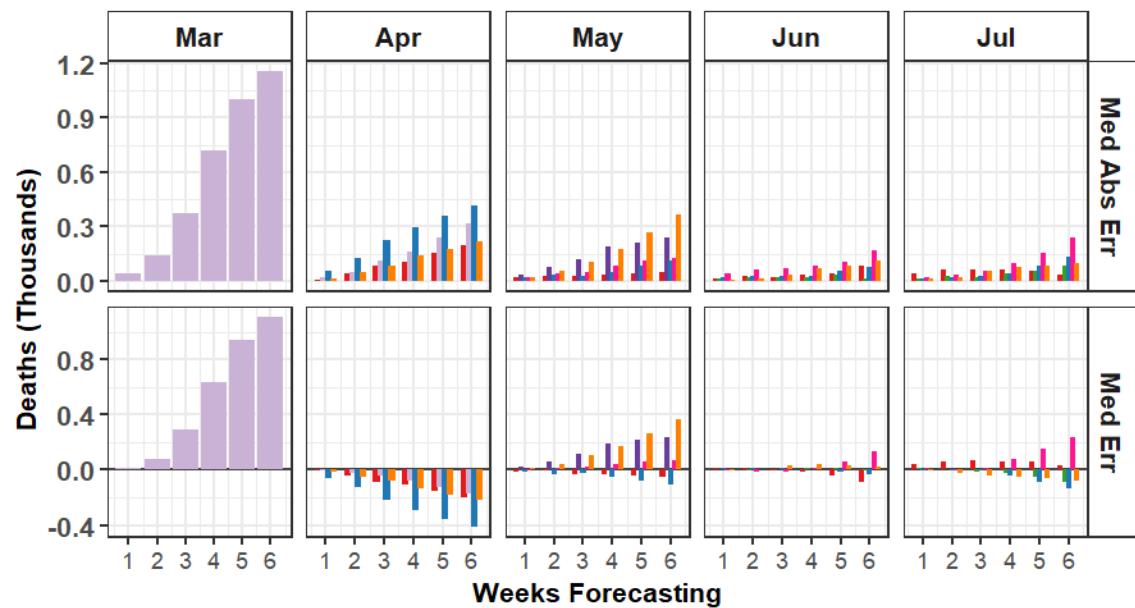


# Missouri

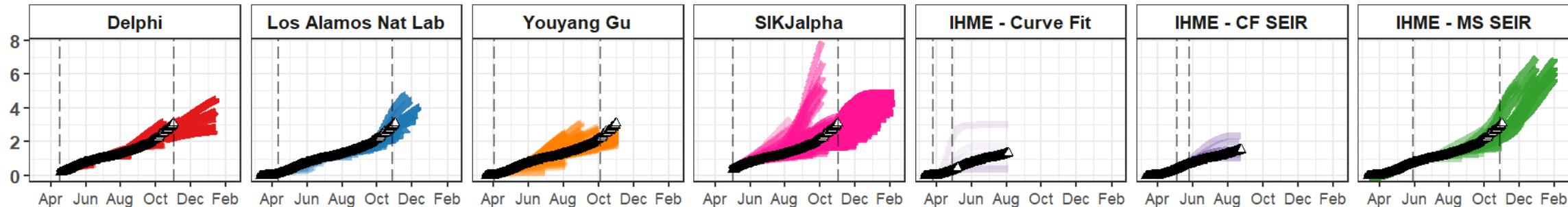
## Current Forecast



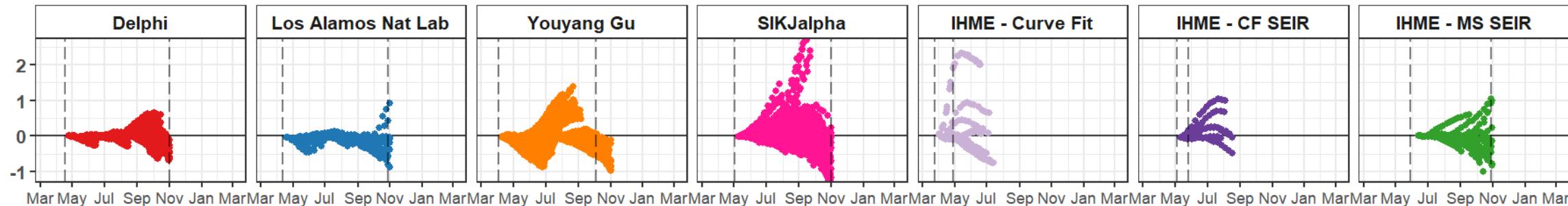
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

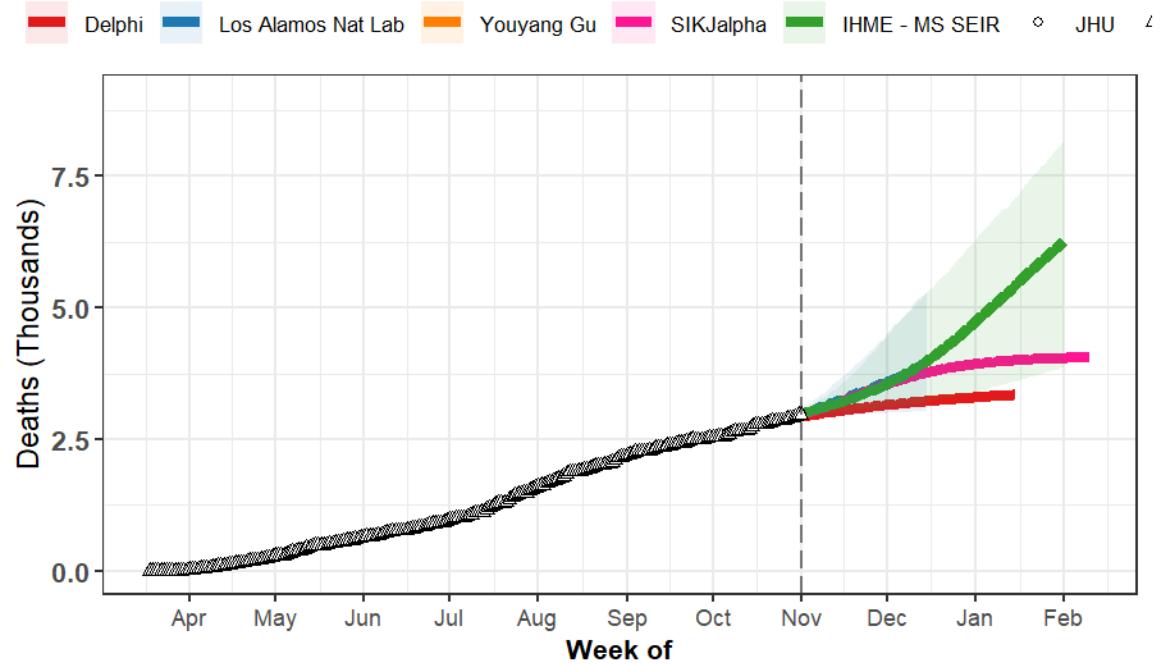


## All Cumulative Errors

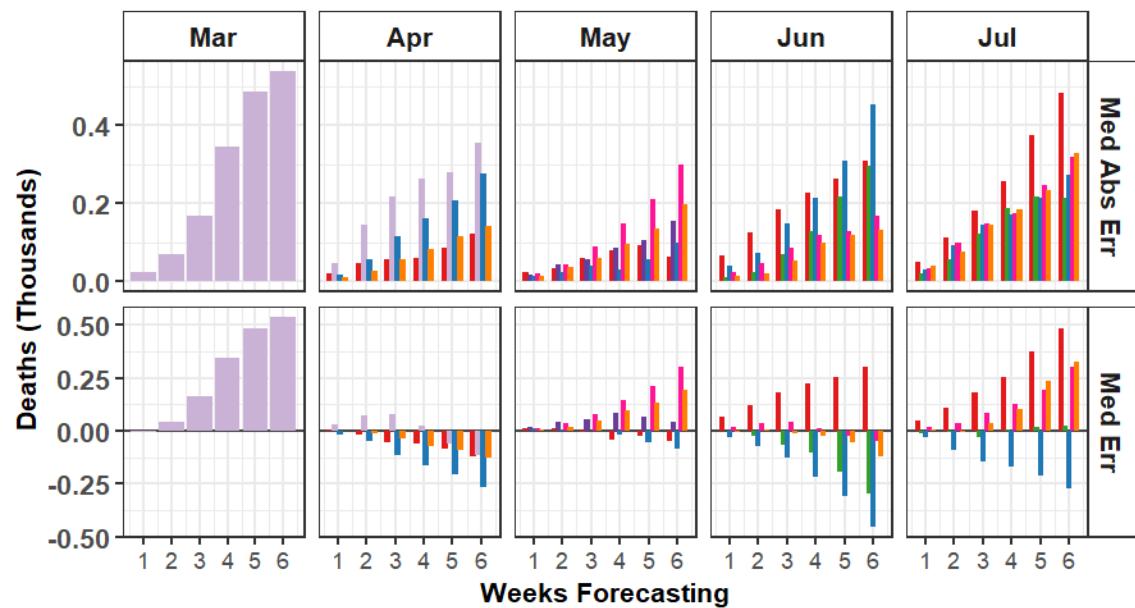


# Alabama

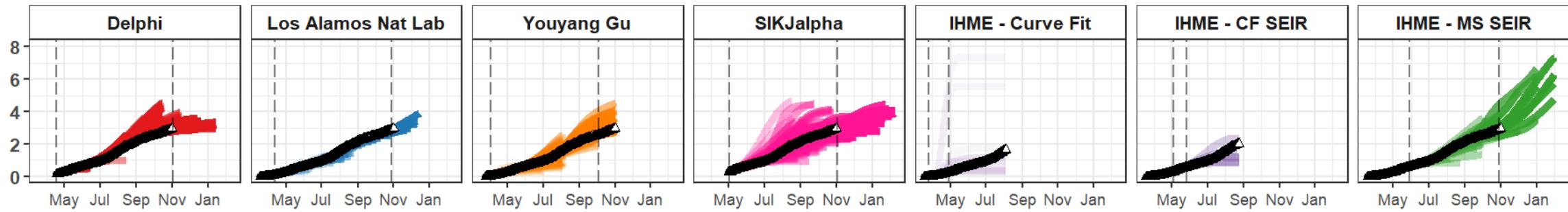
## Current Forecast



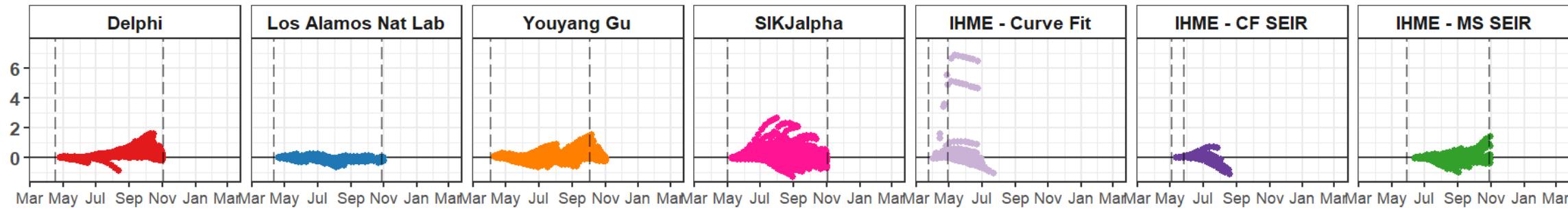
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

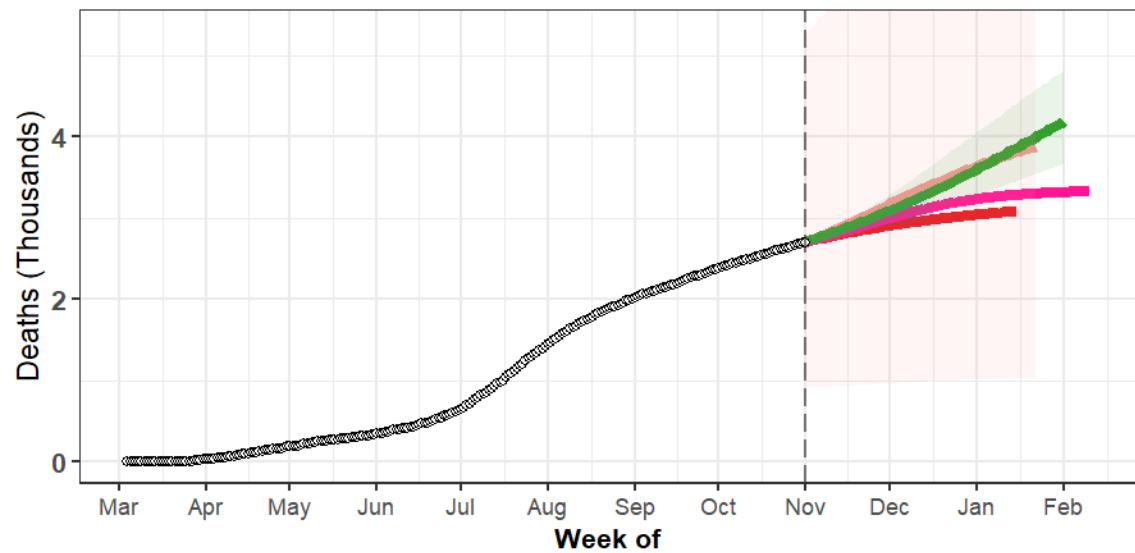
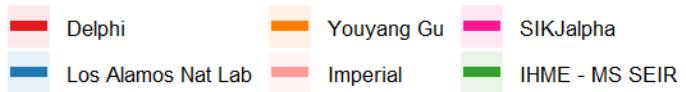


## All Cumulative Errors

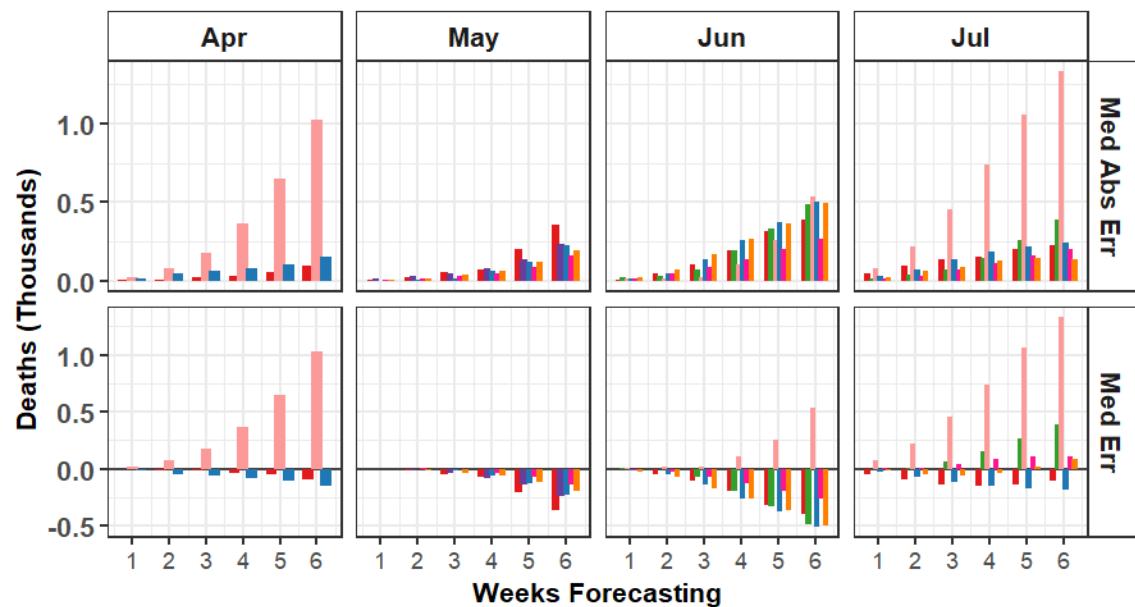


# Panama

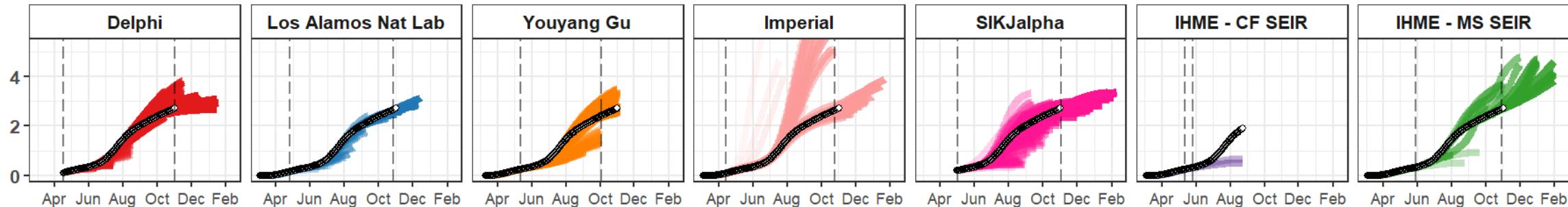
## Current Forecast



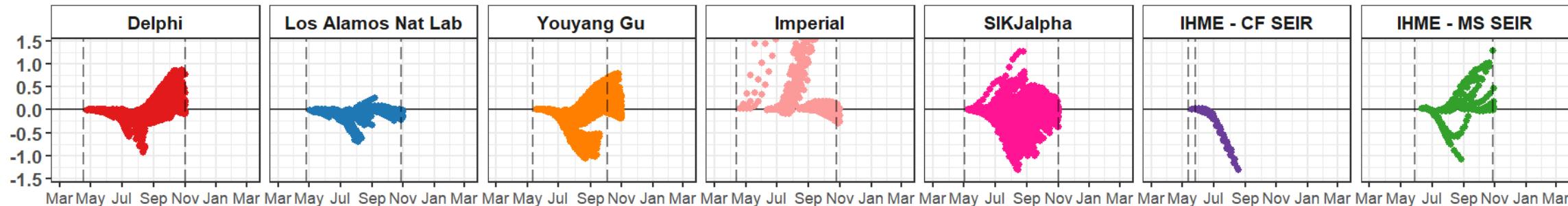
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

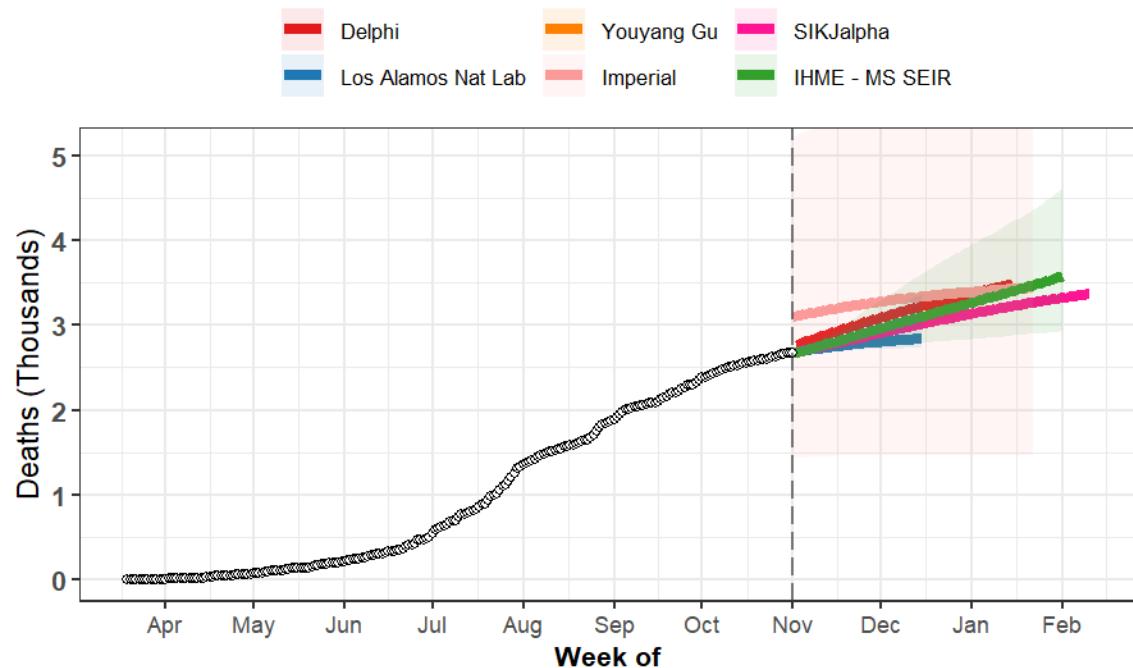


## All Cumulative Errors

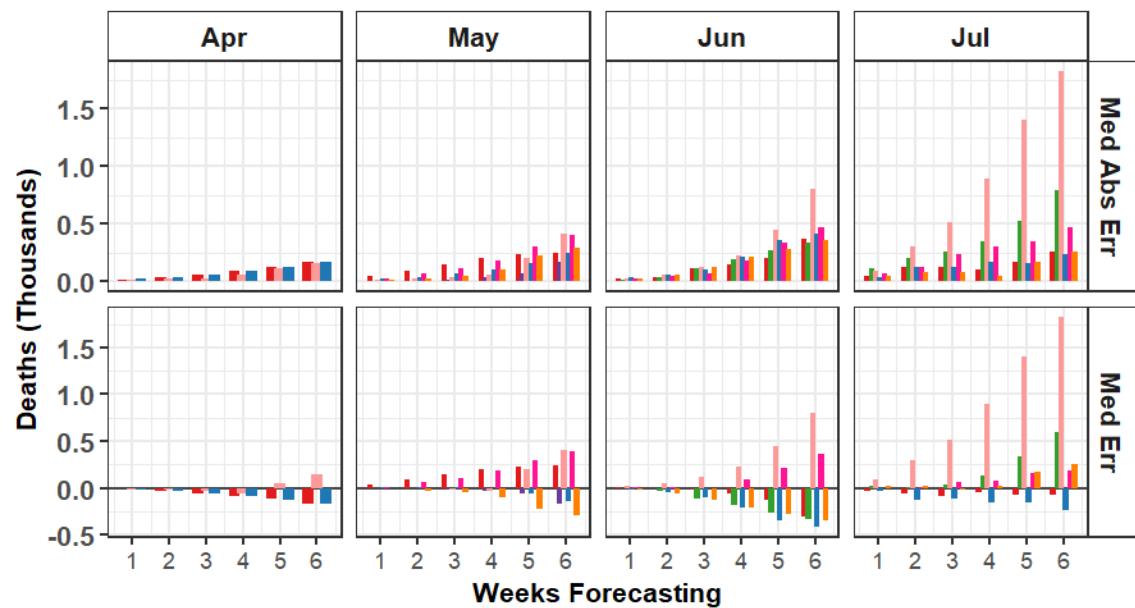


# Honduras

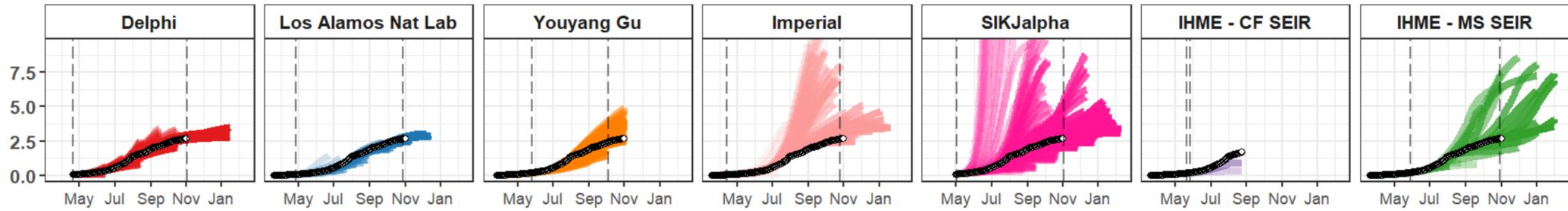
## Current Forecast



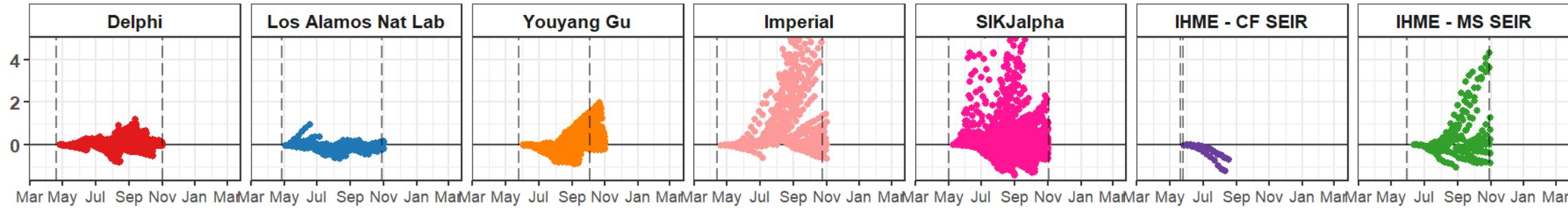
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

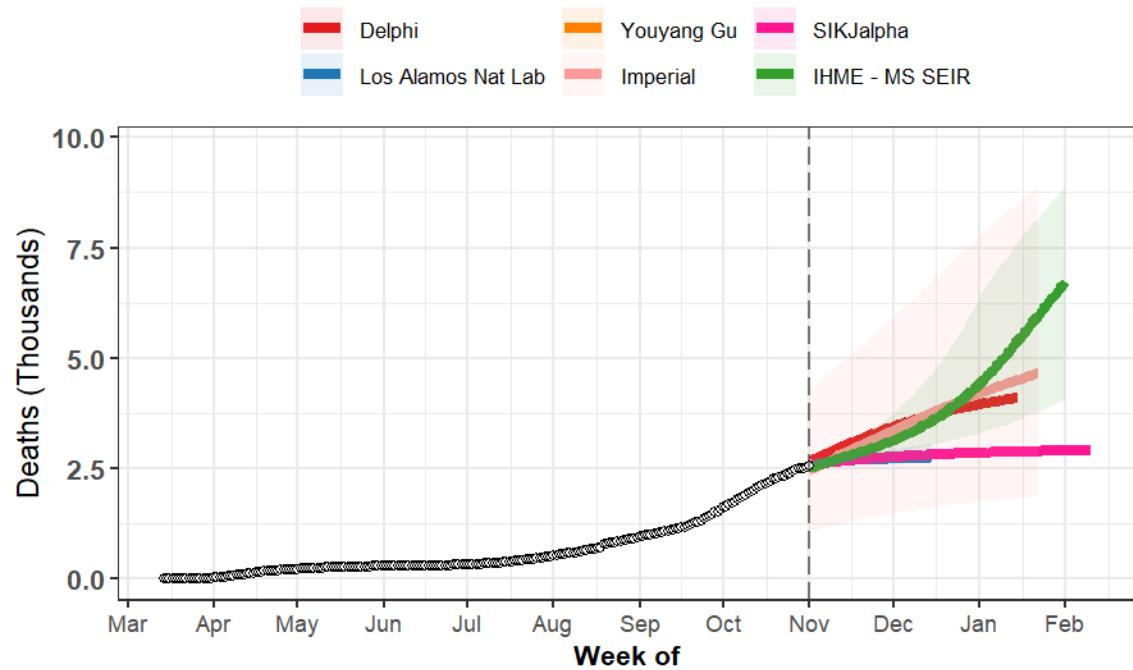


## All Cumulative Errors

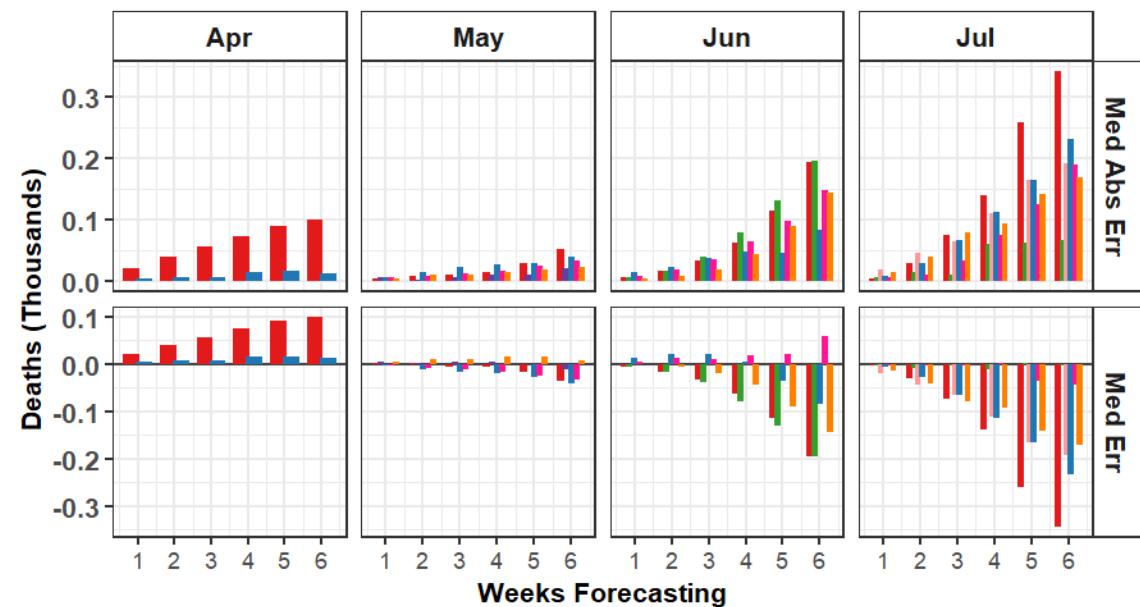


# Israel

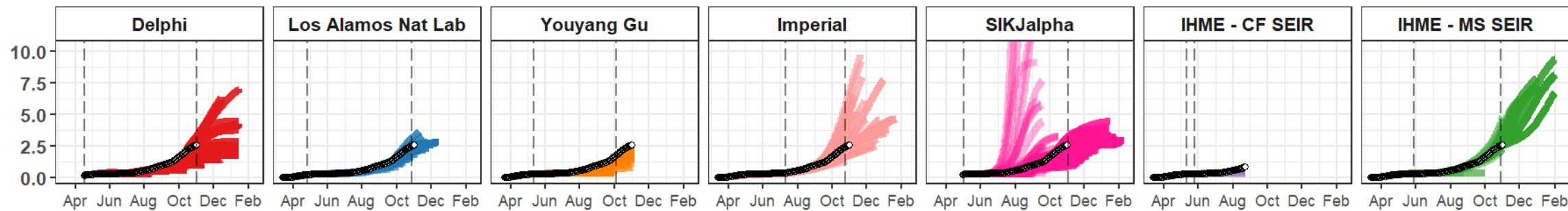
## Current Forecast



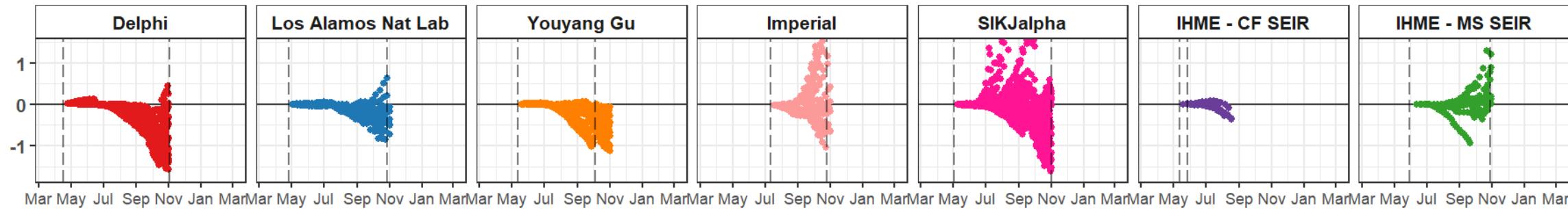
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

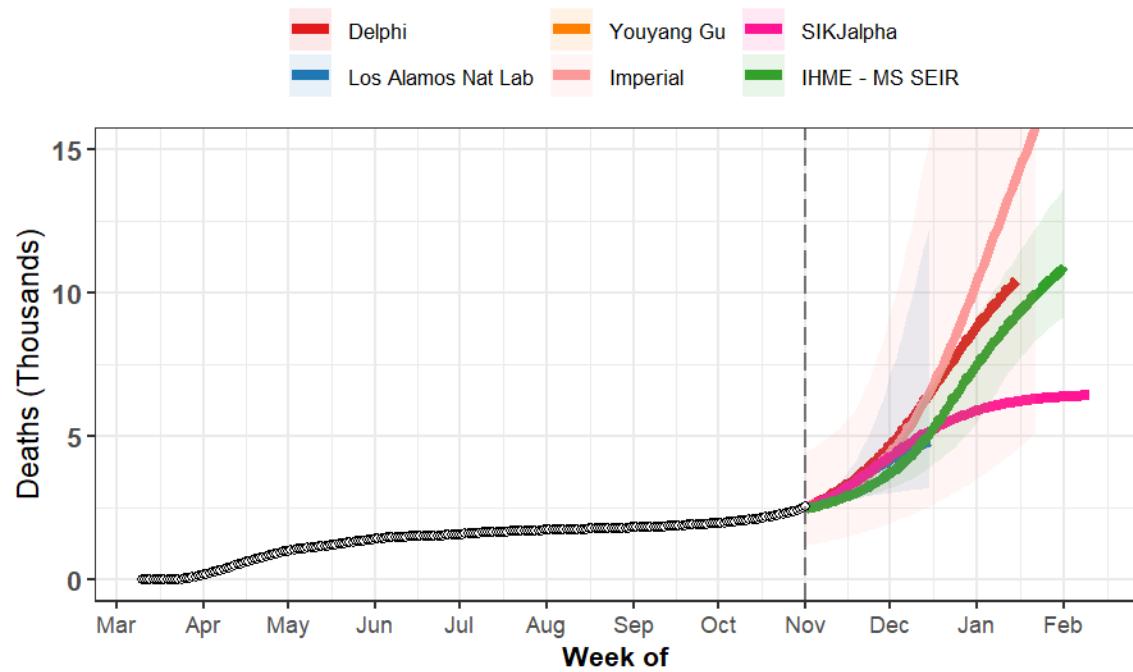


## All Cumulative Errors

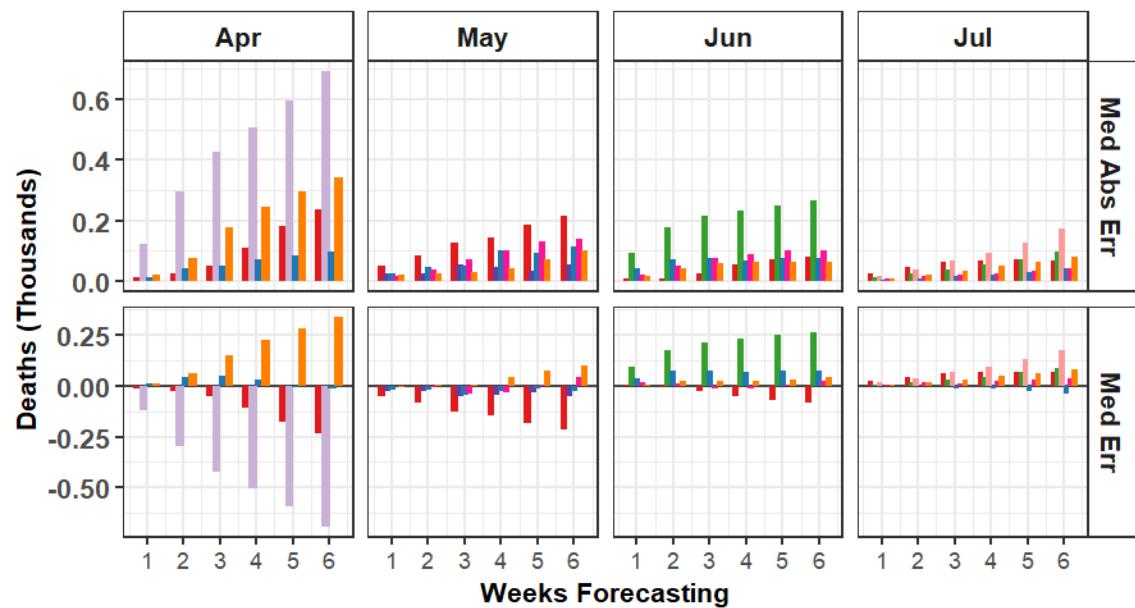


# Portugal

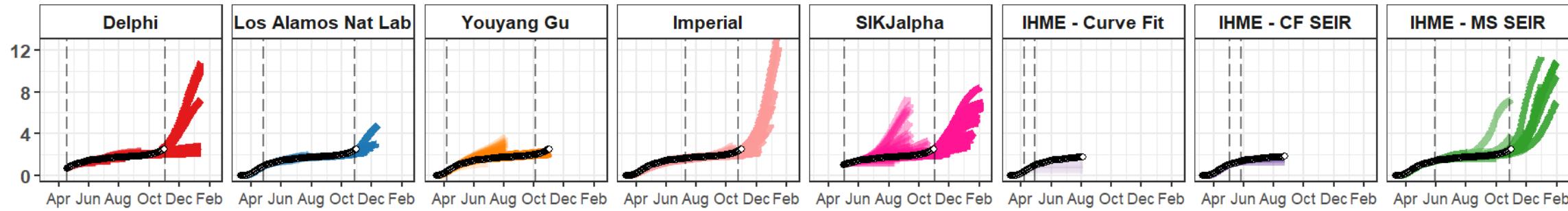
## Current Forecast



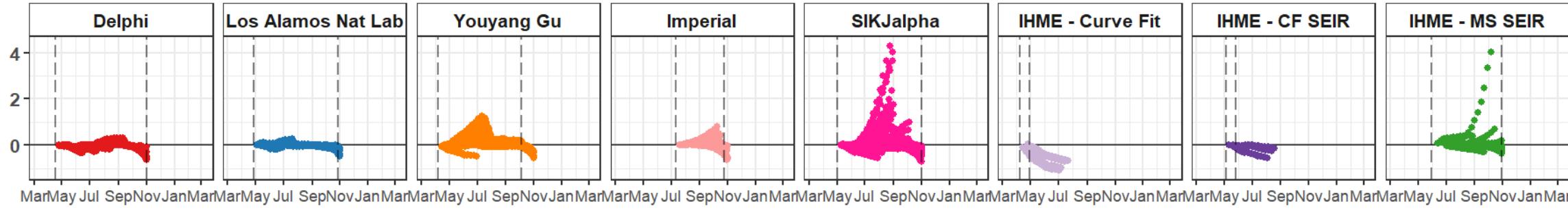
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

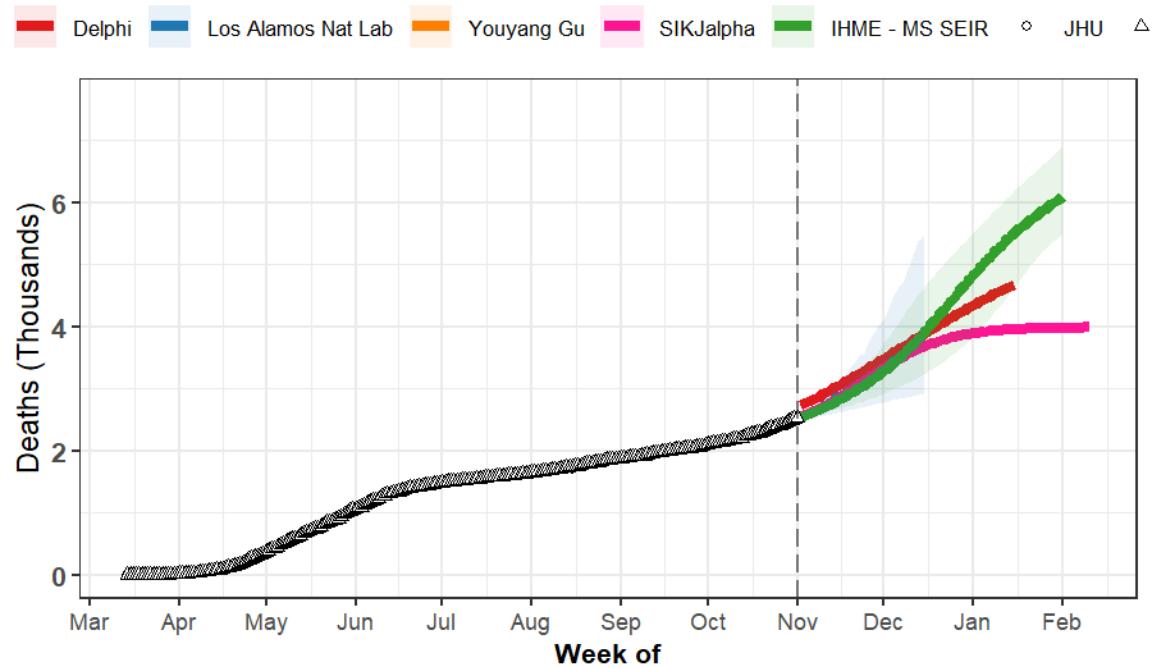


## All Cumulative Errors

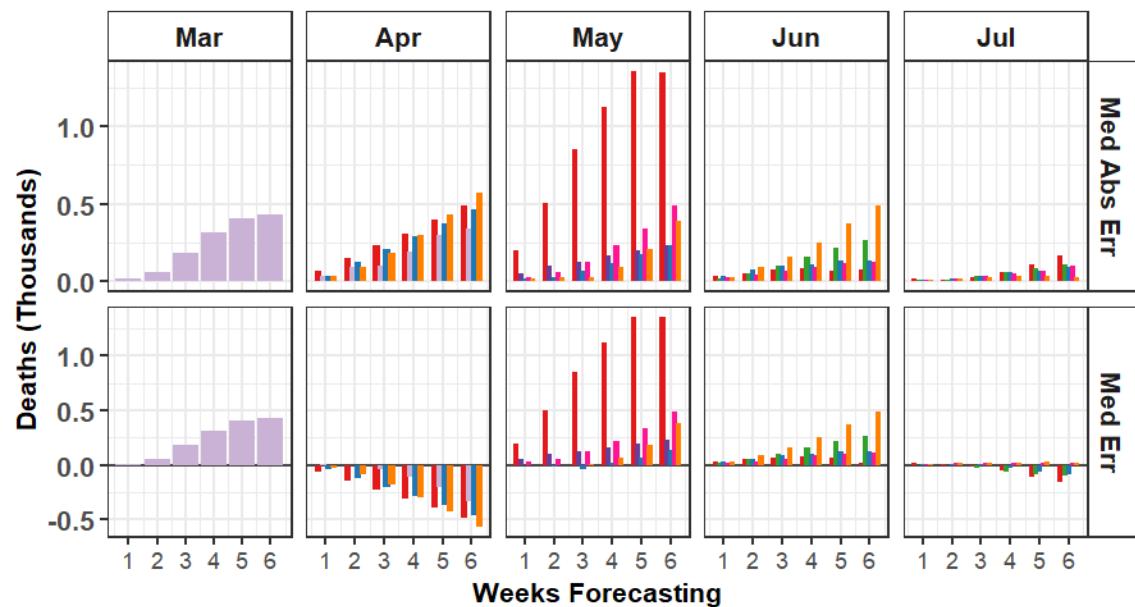


# Minnesota

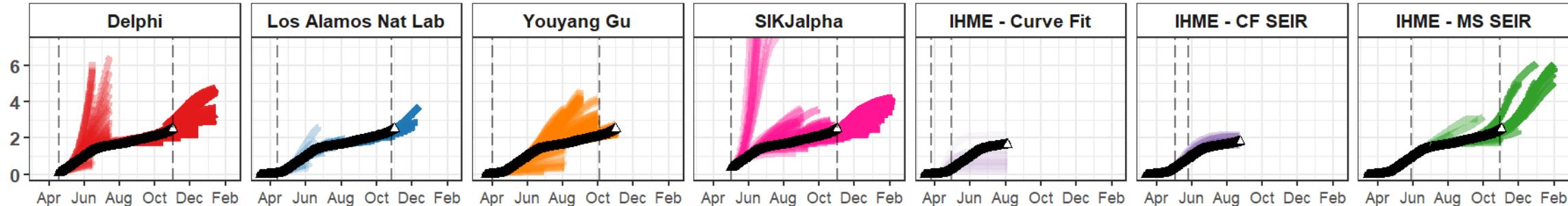
## Current Forecast



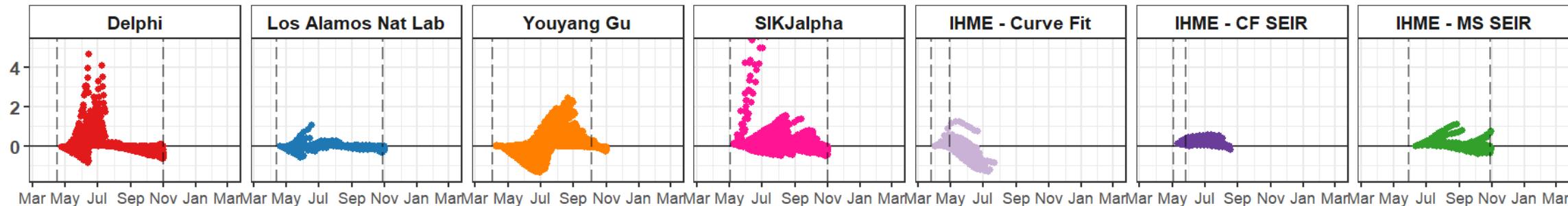
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

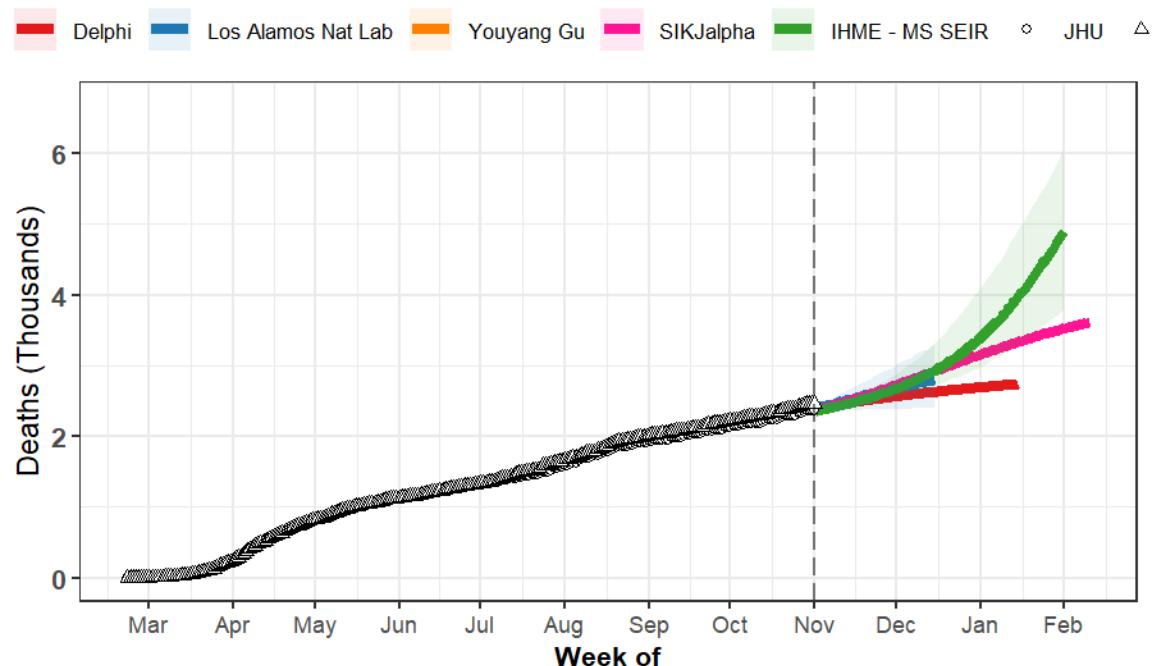


## All Cumulative Errors

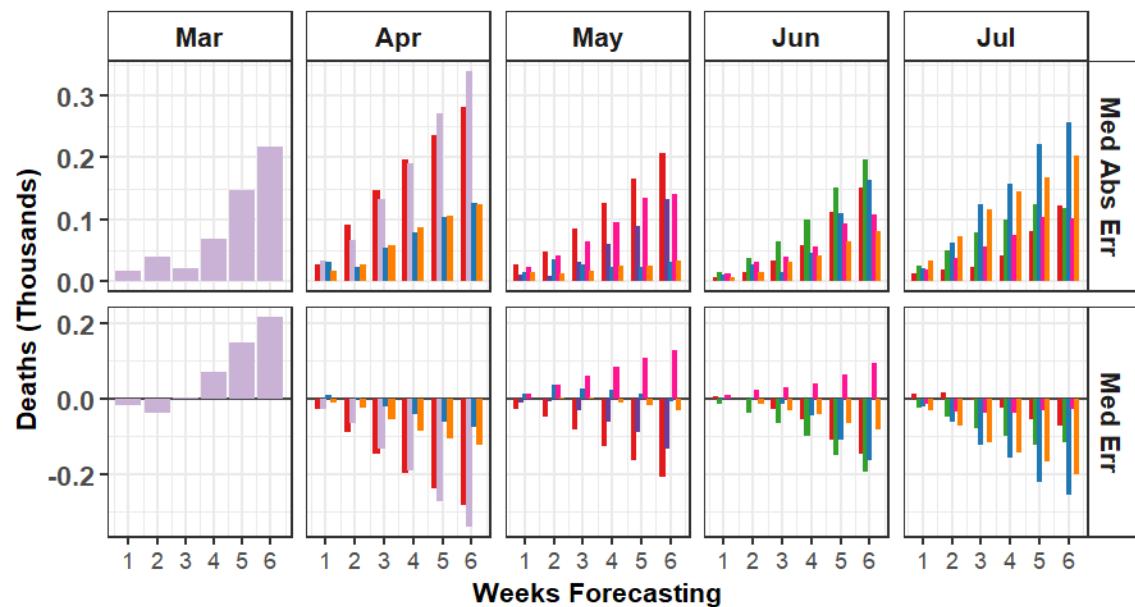


# Washington

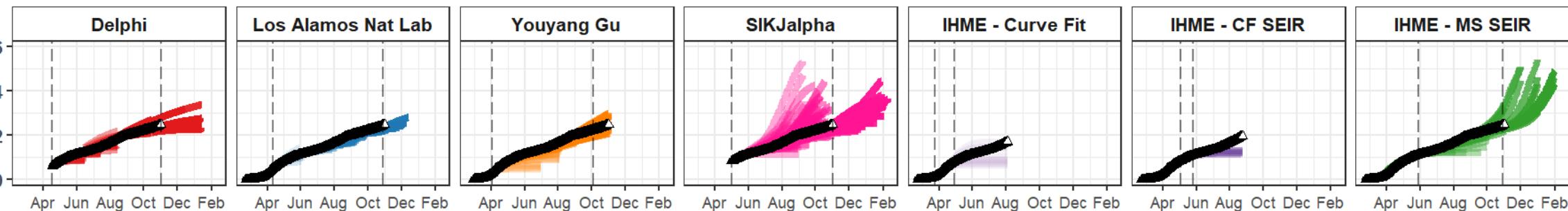
## Current Forecast



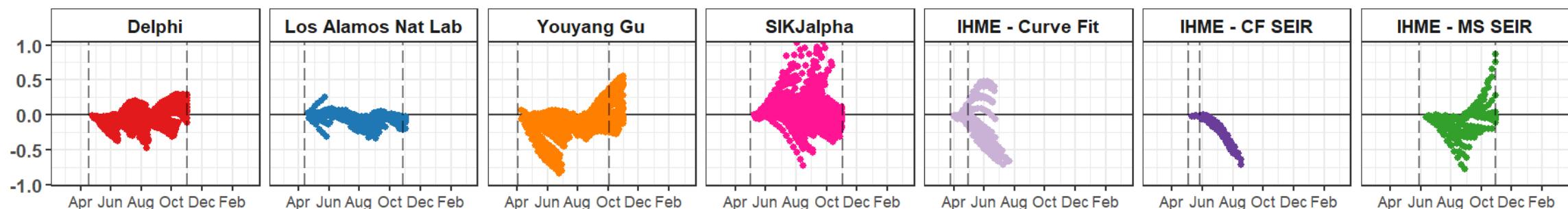
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

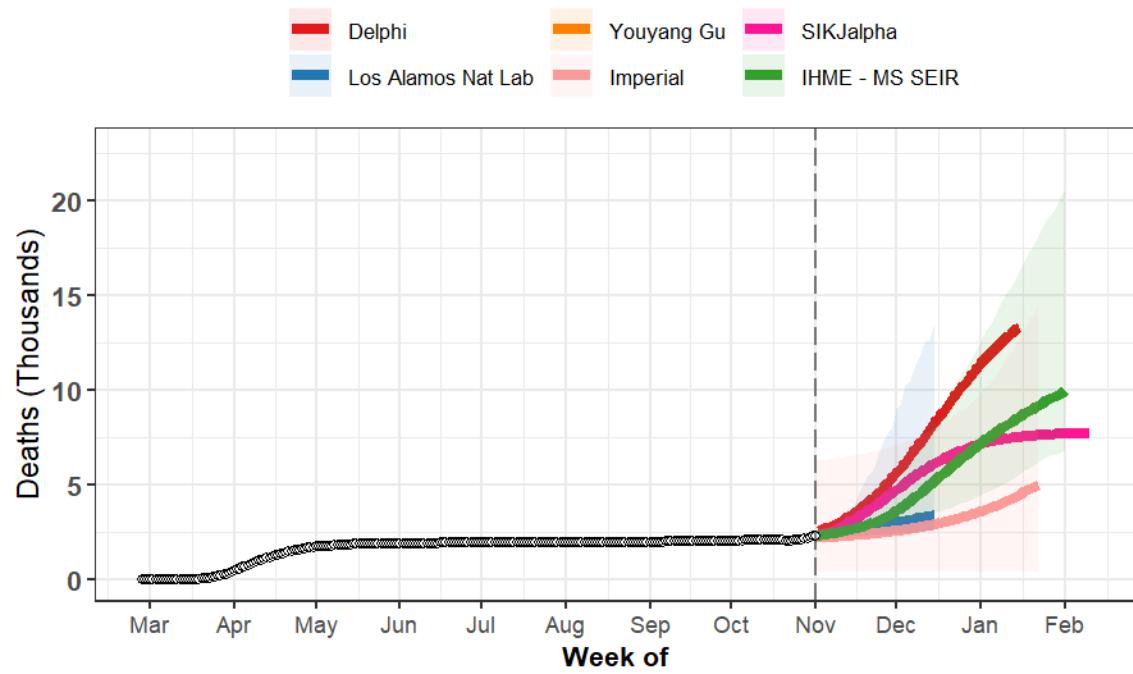


## All Cumulative Errors

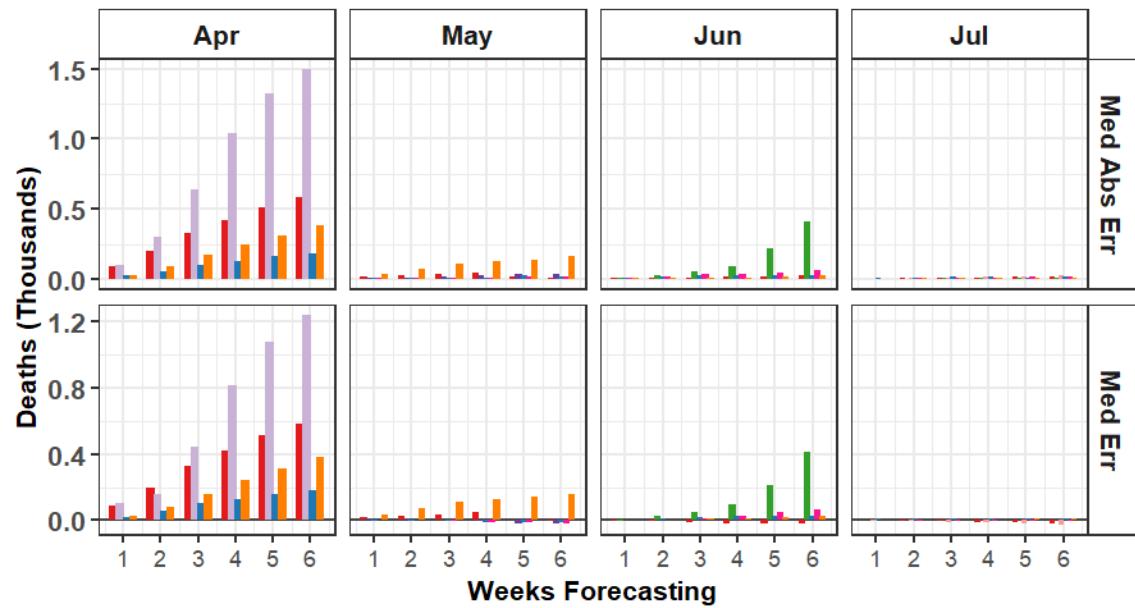


# Switzerland

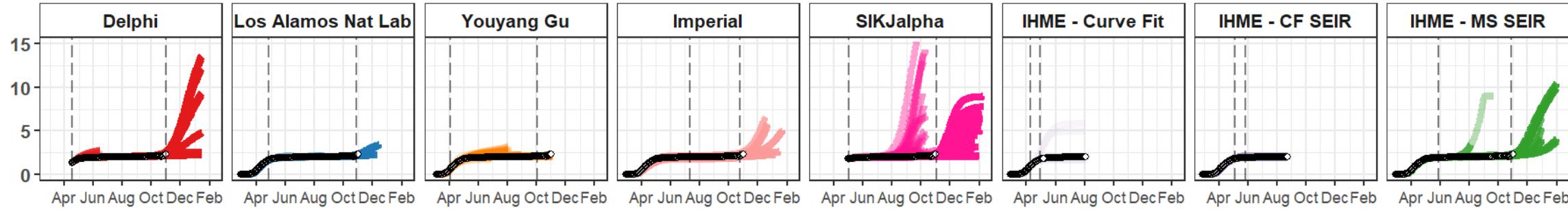
## Current Forecast



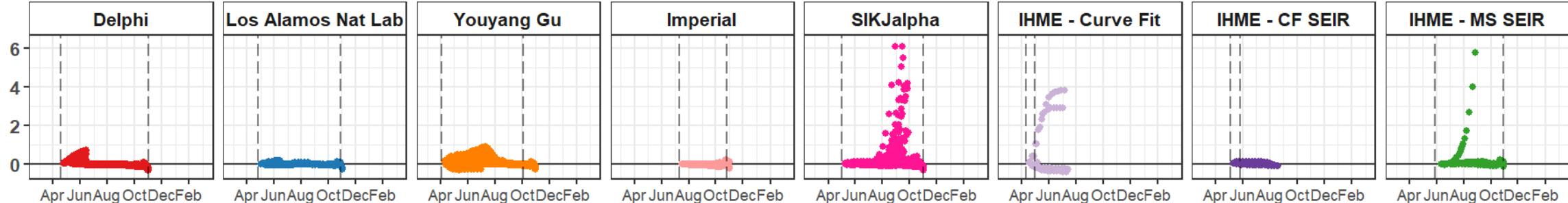
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

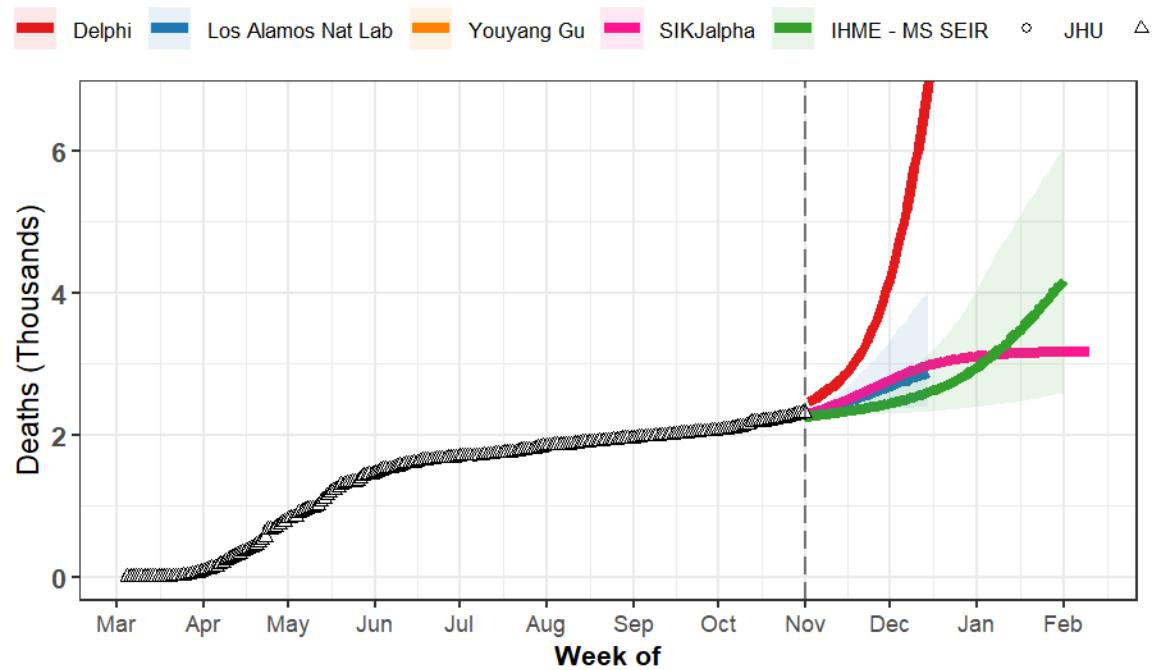


## All Cumulative Errors

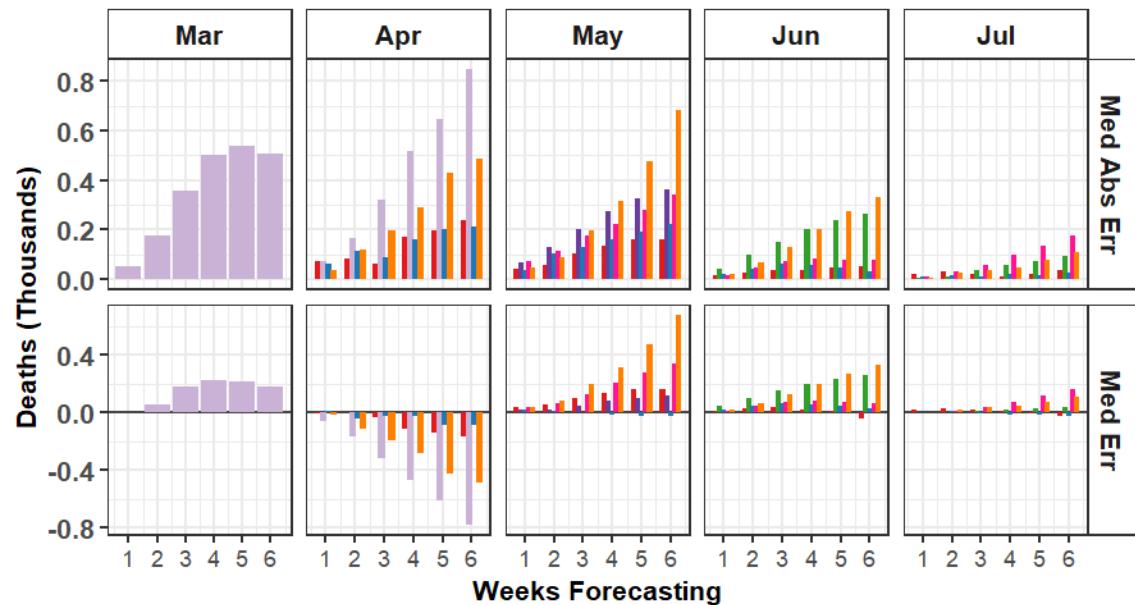


# Colorado

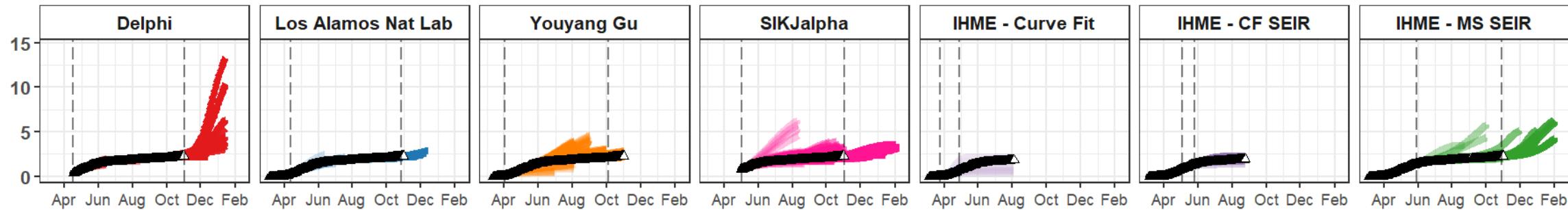
## Current Forecast



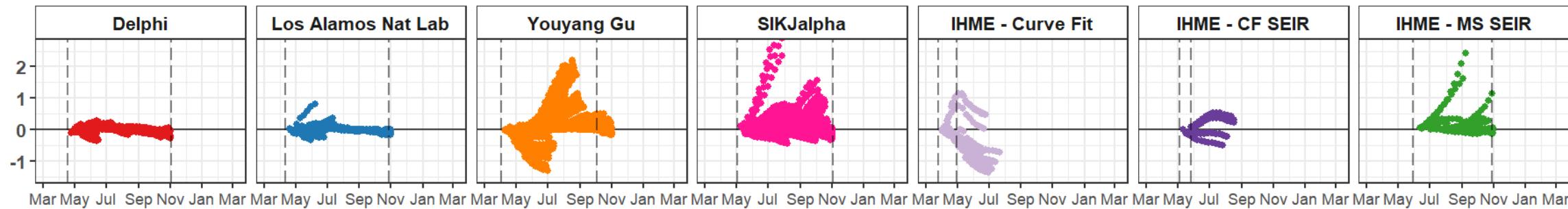
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

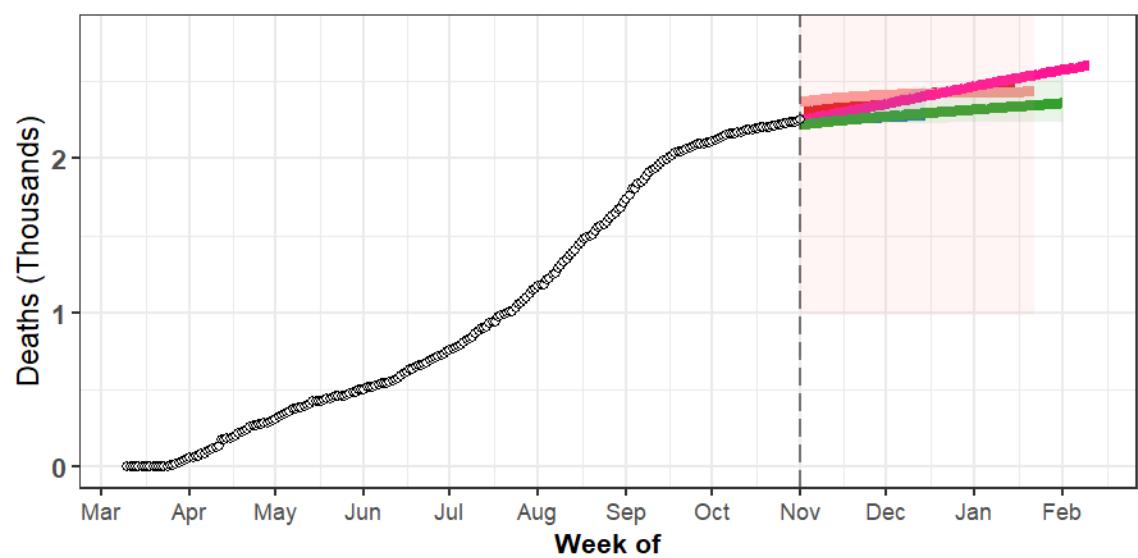


## All Cumulative Errors

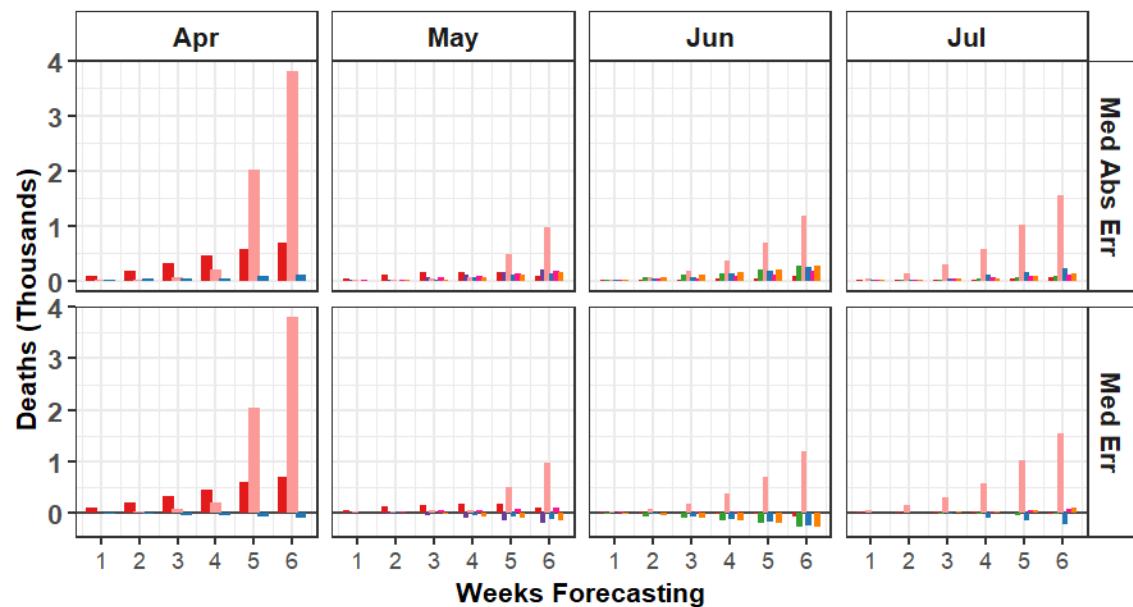


# Dominican Republic

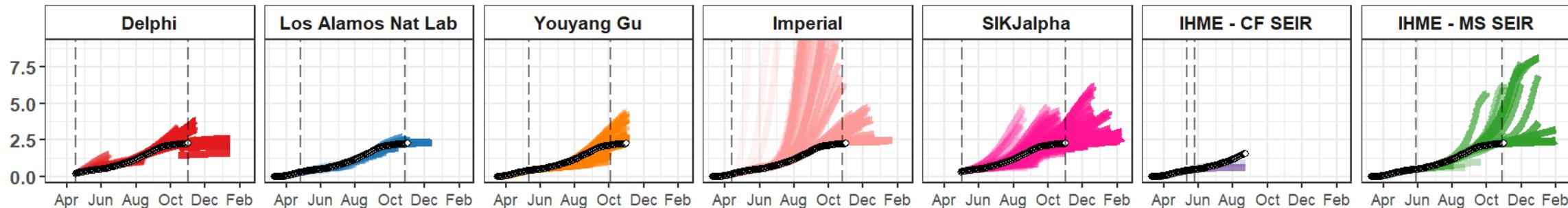
## Current Forecast



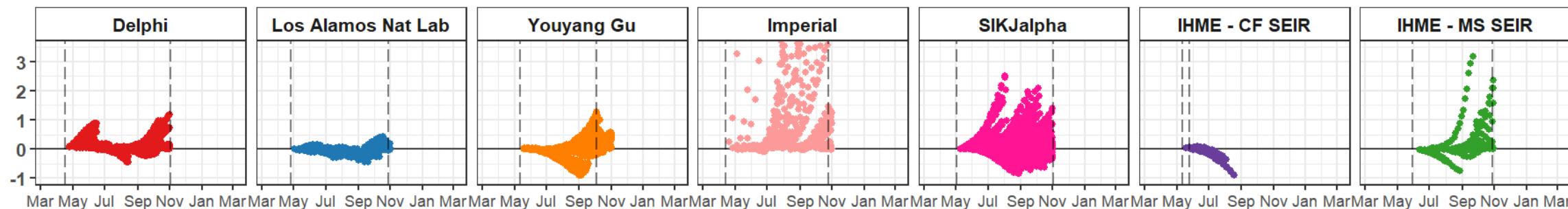
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

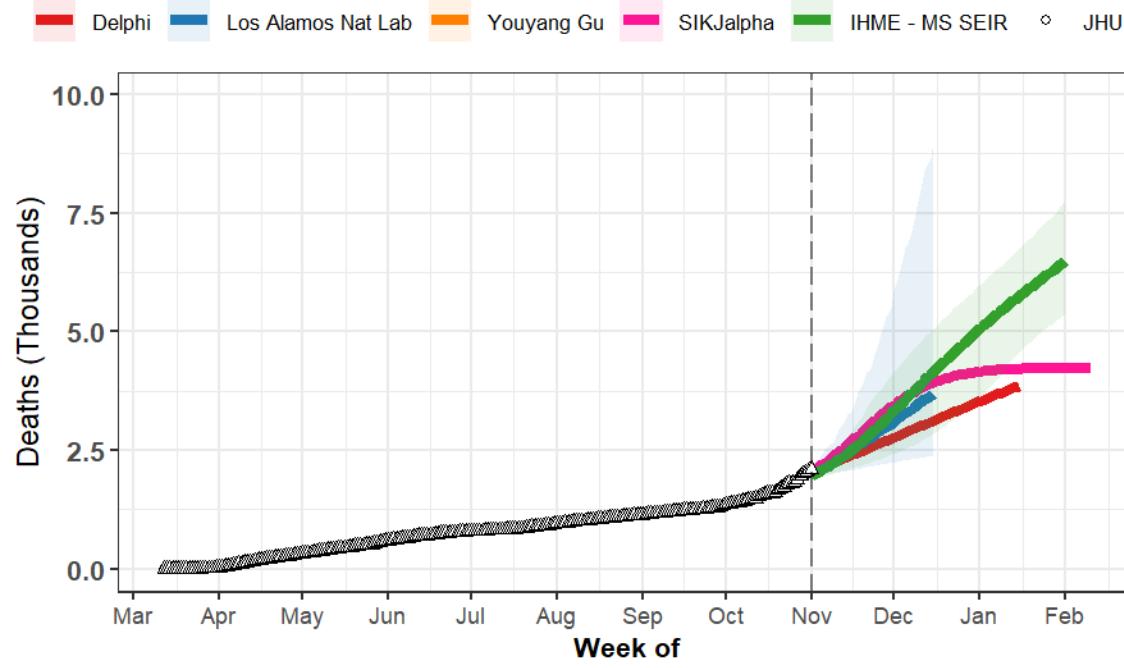


## All Cumulative Errors

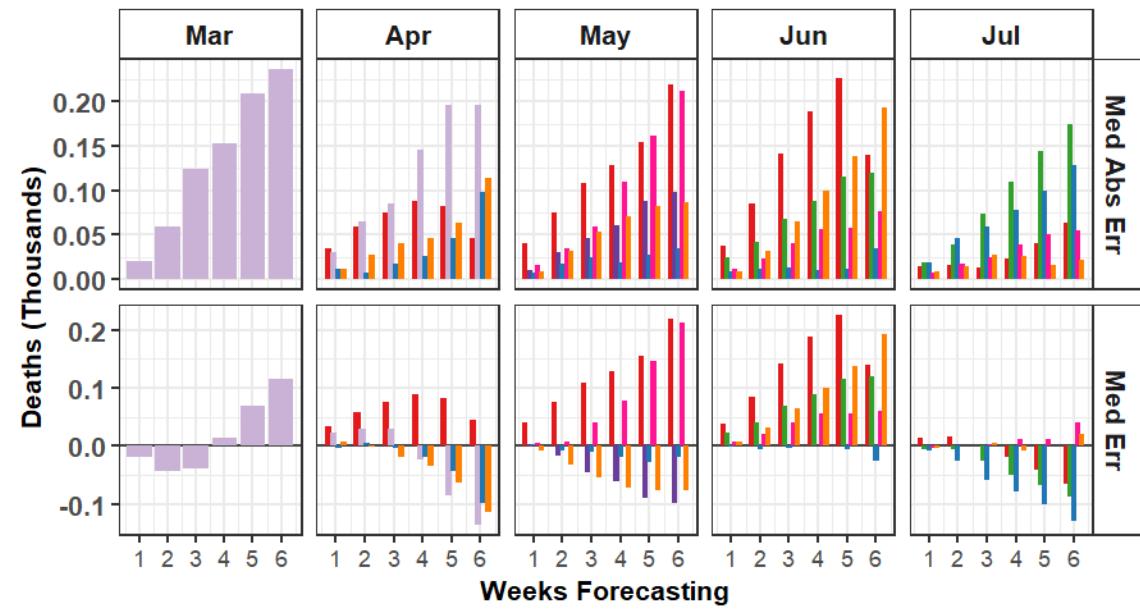


# Wisconsin

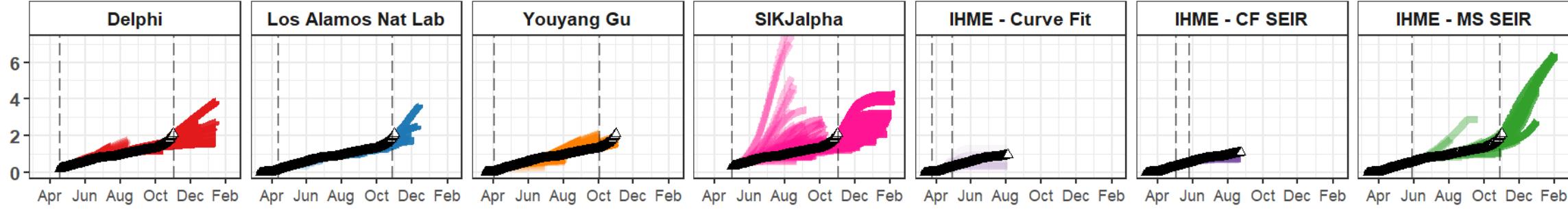
## Current Forecast



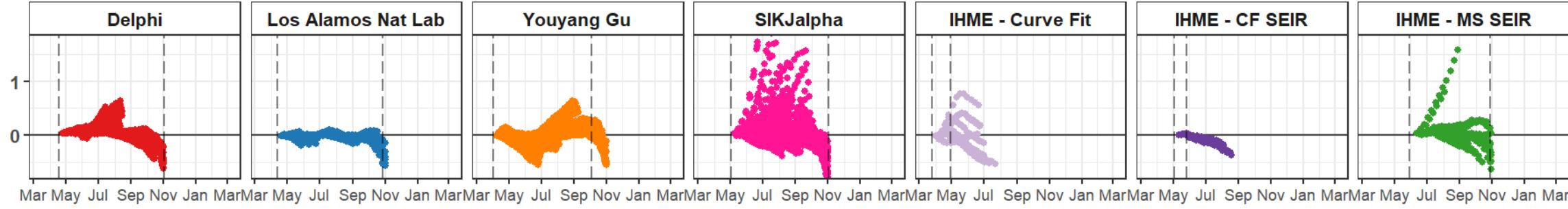
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

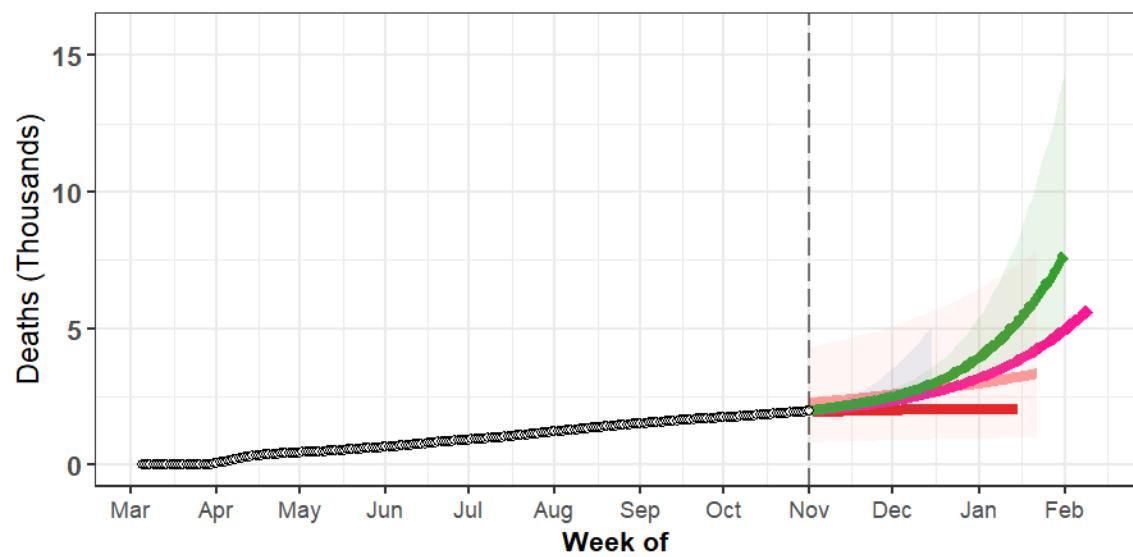


## All Cumulative Errors

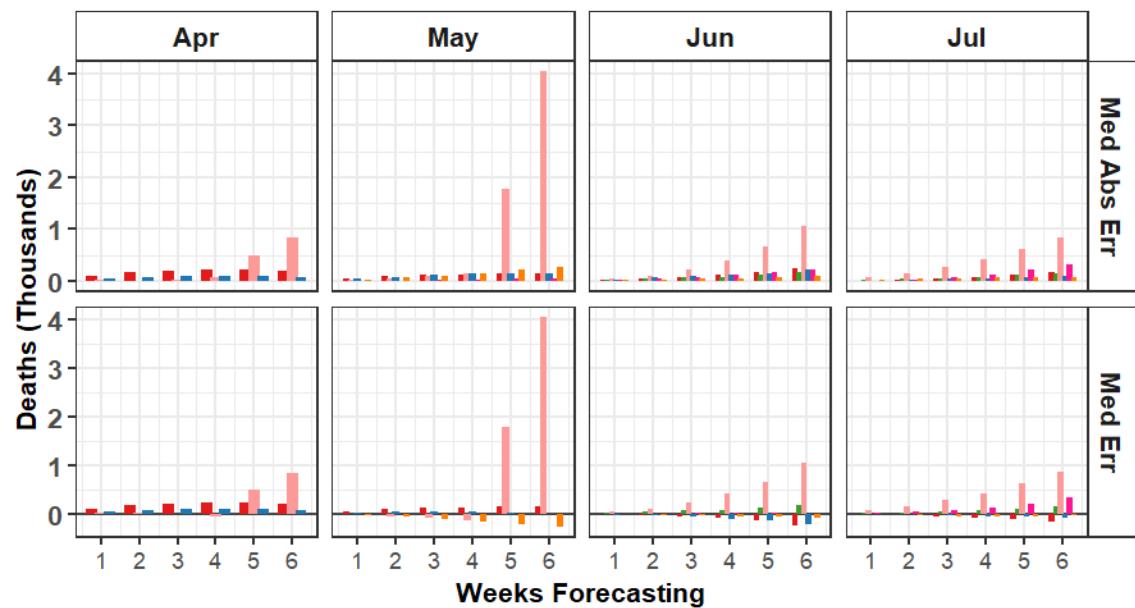


# Algeria

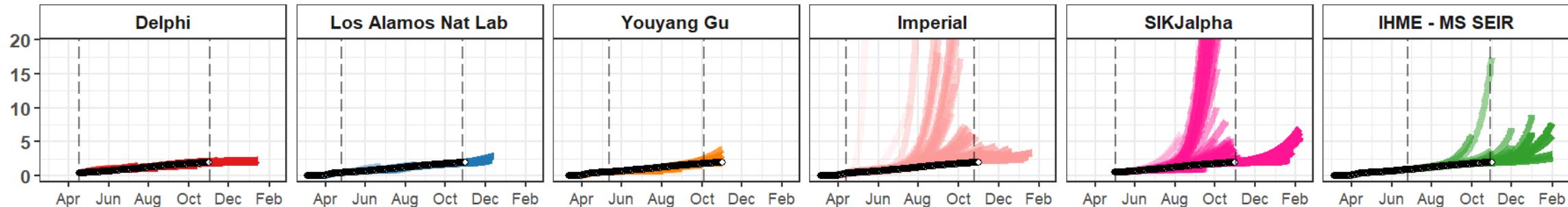
## Current Forecast



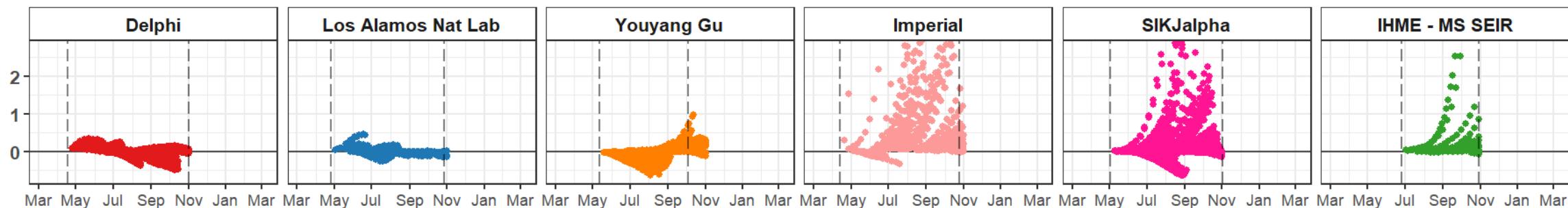
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

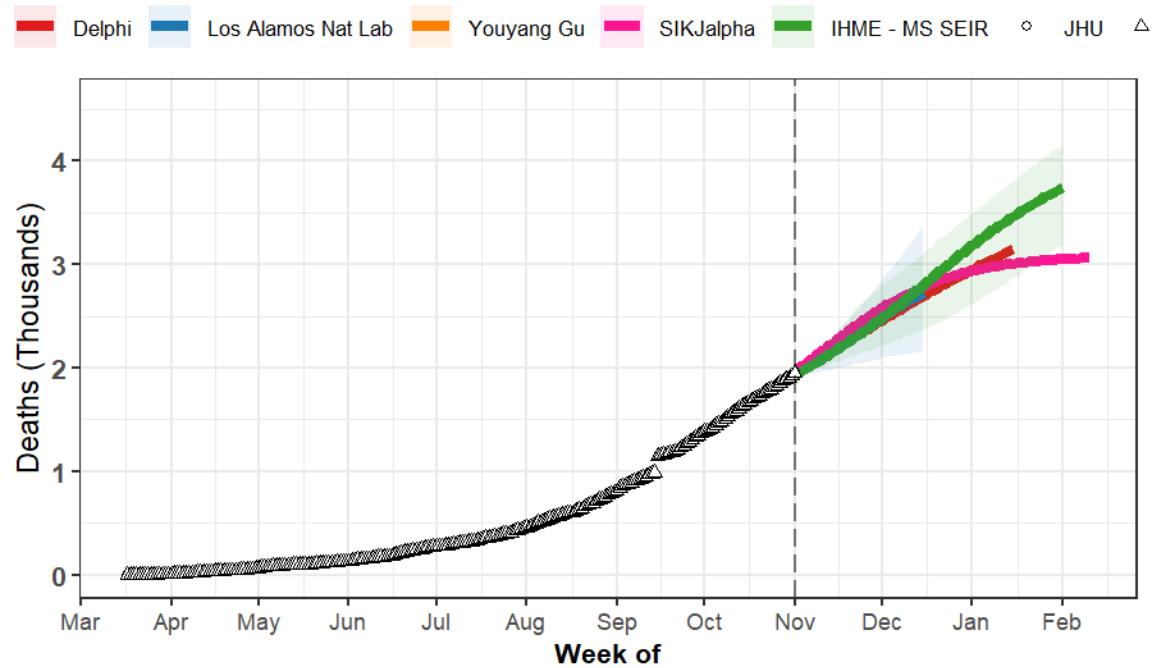


## All Cumulative Errors

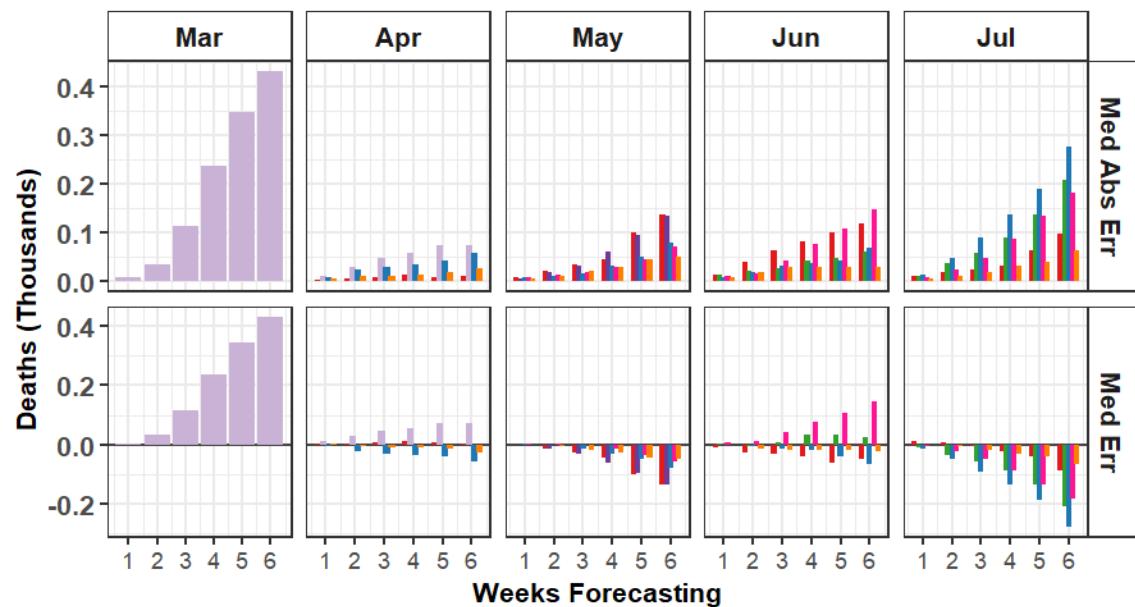


# Arkansas

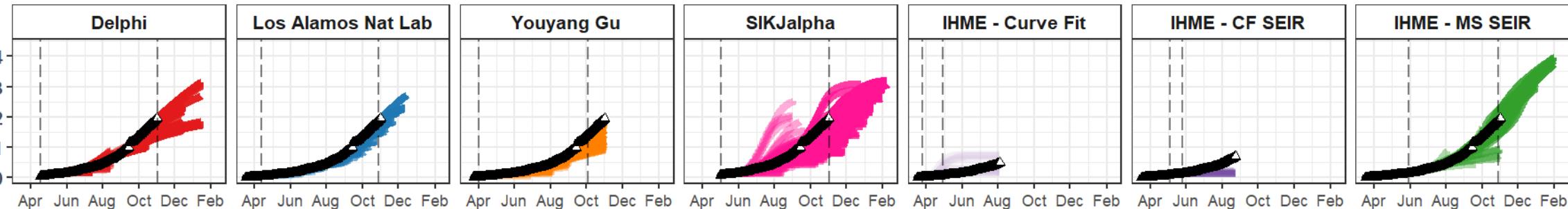
## Current Forecast



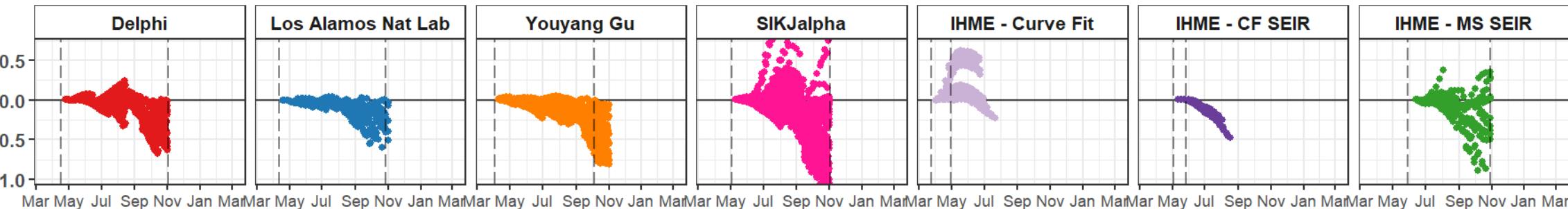
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

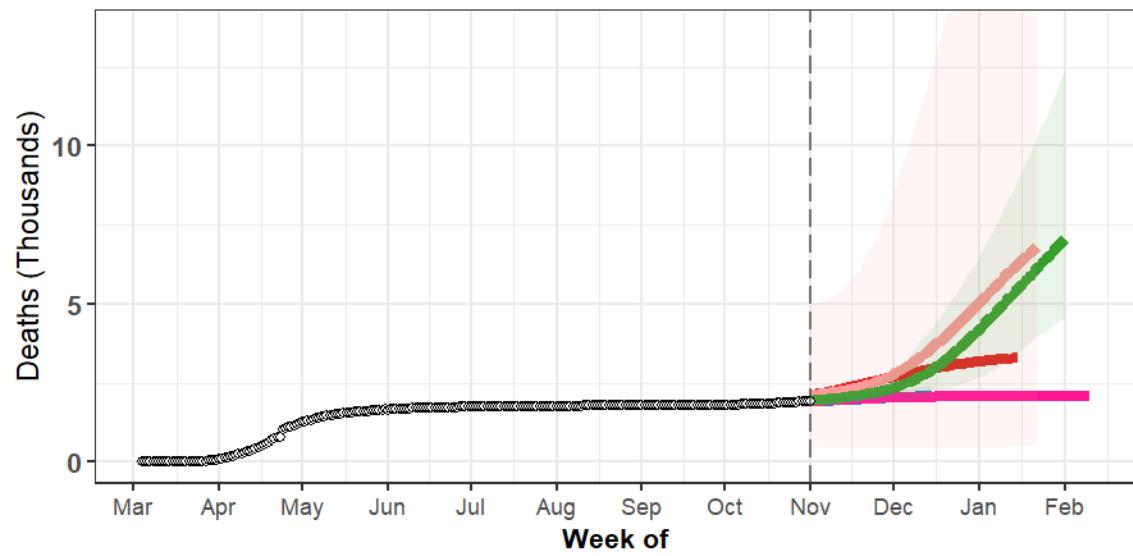


## All Cumulative Errors

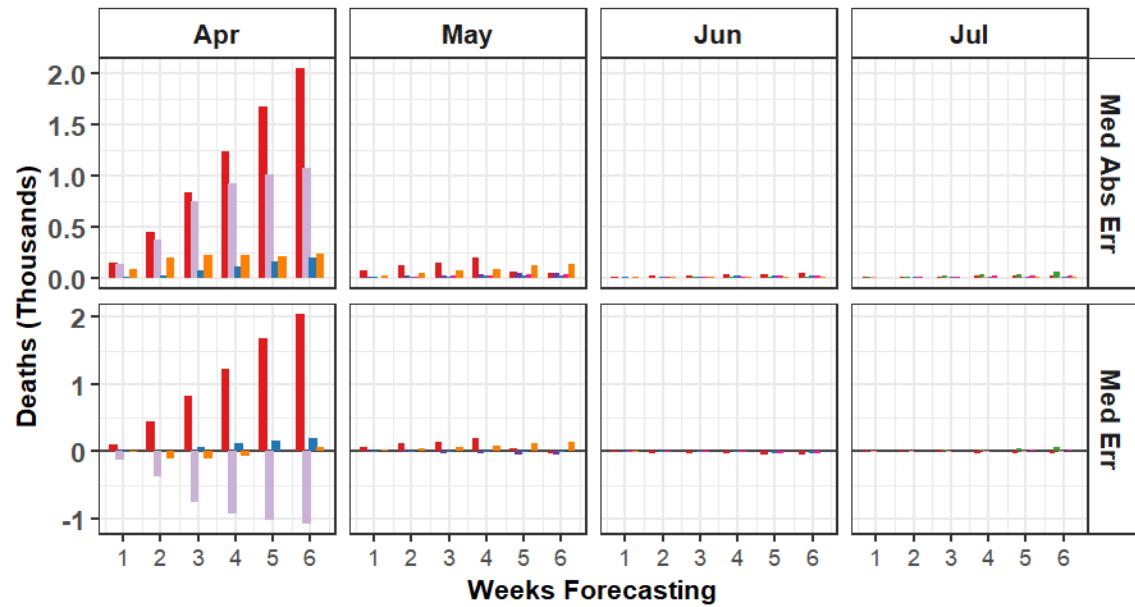


# Ireland

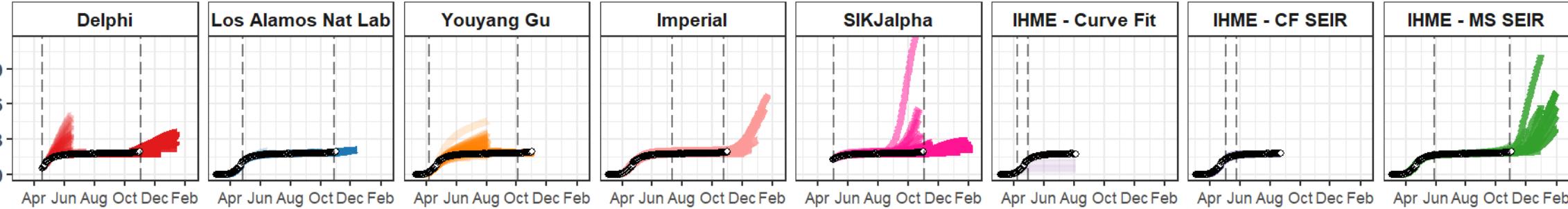
## Current Forecast



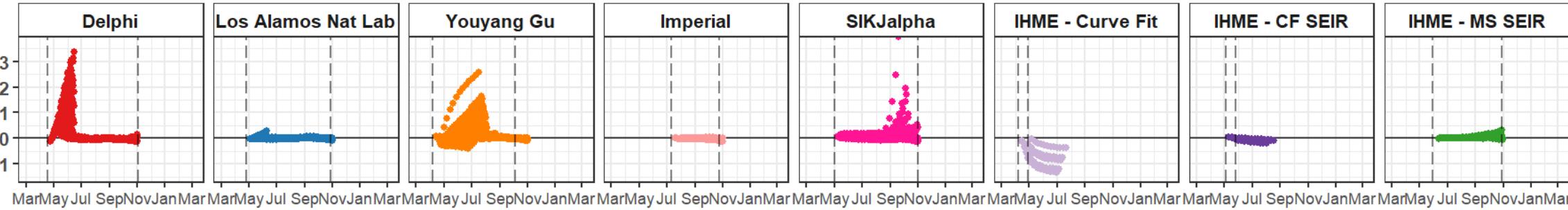
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



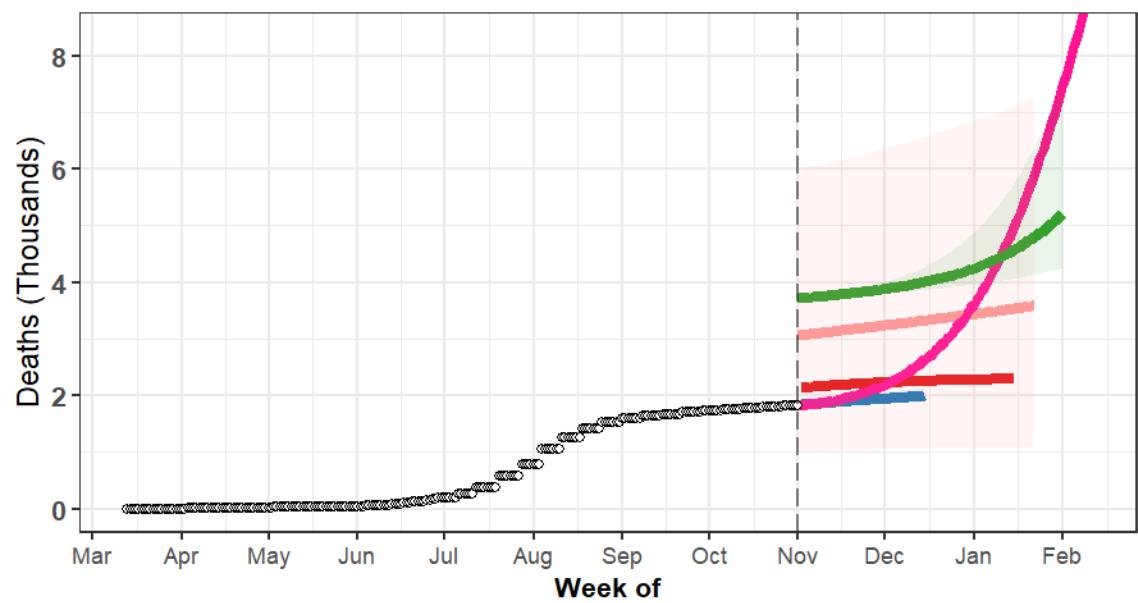
## All Cumulative Errors



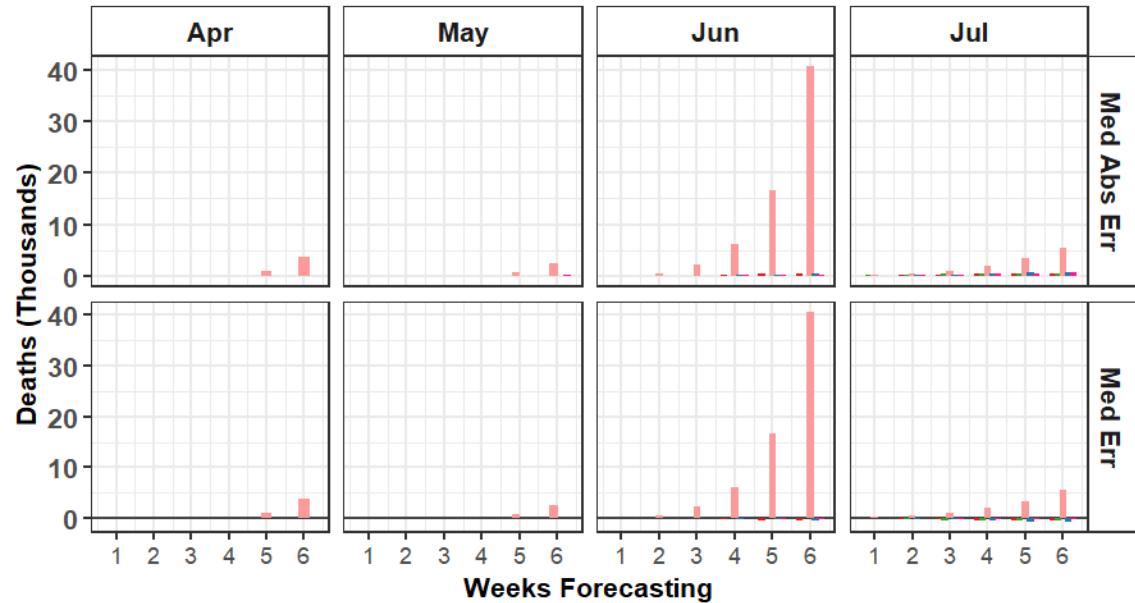
# Kazakhstan

## Current Forecast

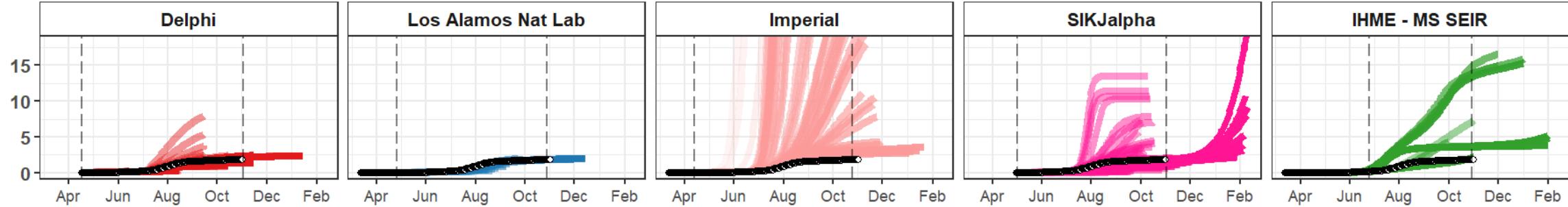
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



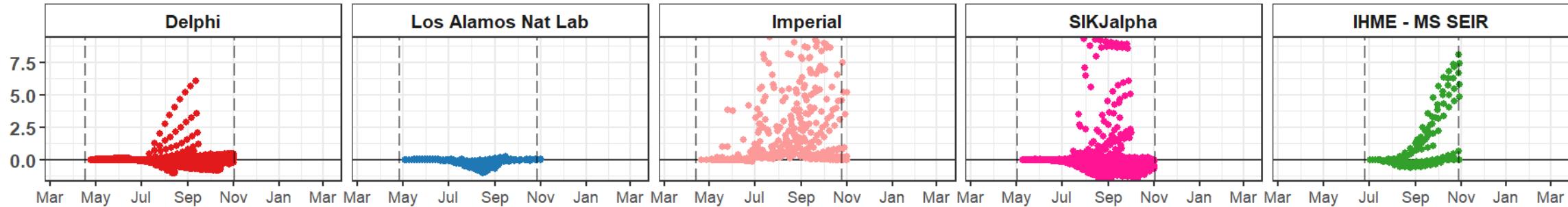
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



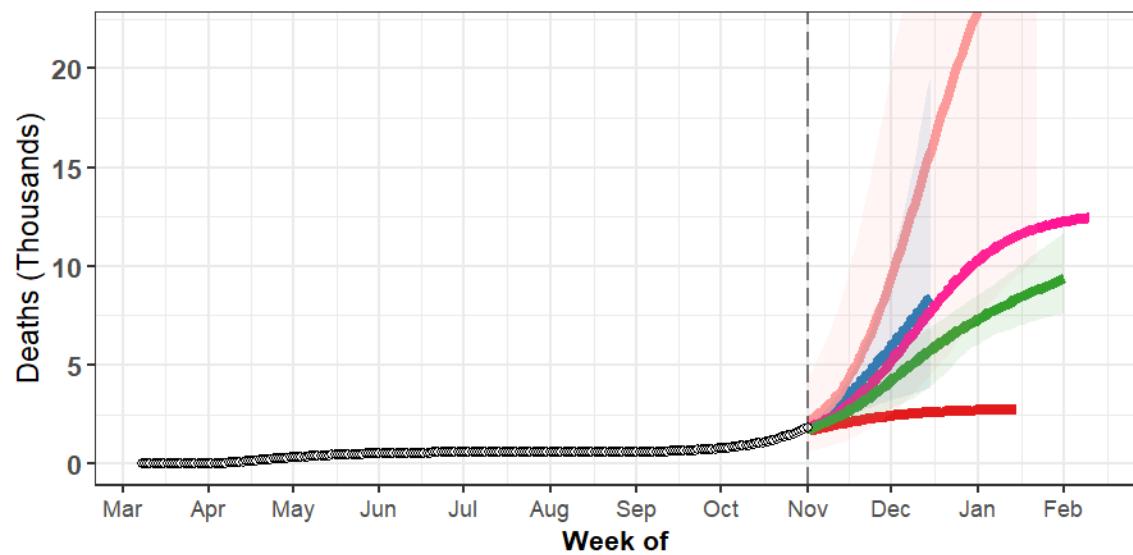
## All Cumulative Errors



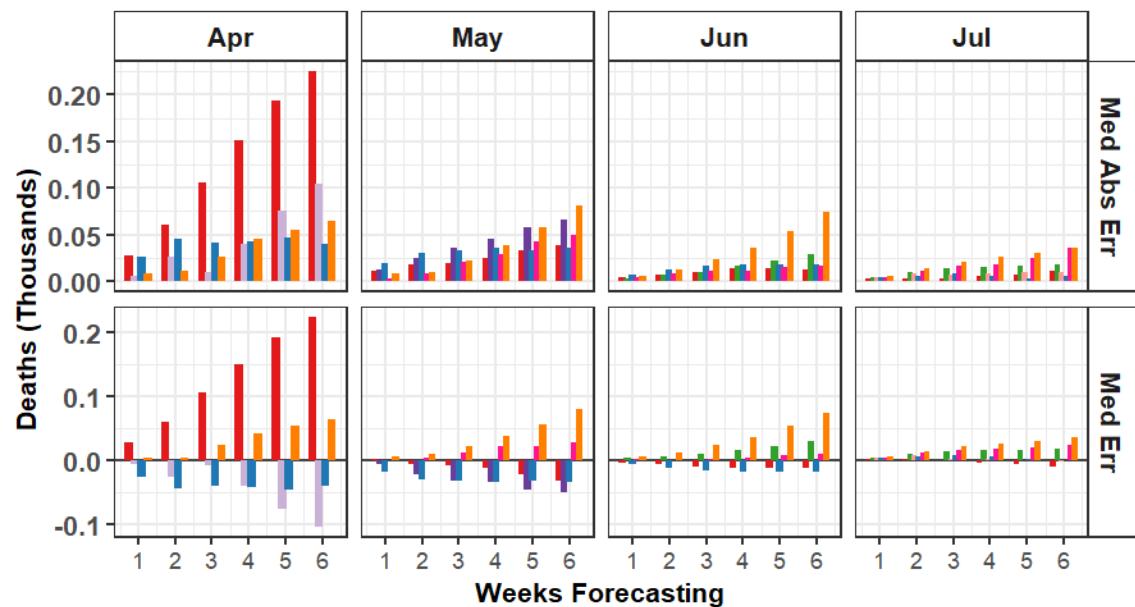
# Hungary

## Current Forecast

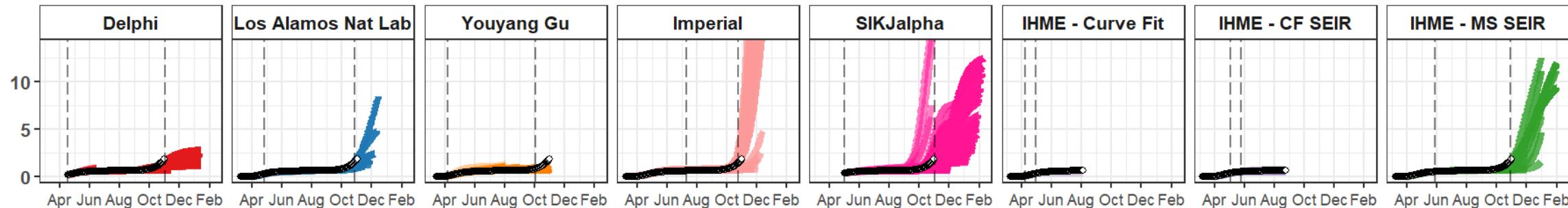
— Delphi      — Youyang Gu      — SIKJalpha  
— Los Alamos Nat Lab      — Imperial      — IHME - MS SEIR



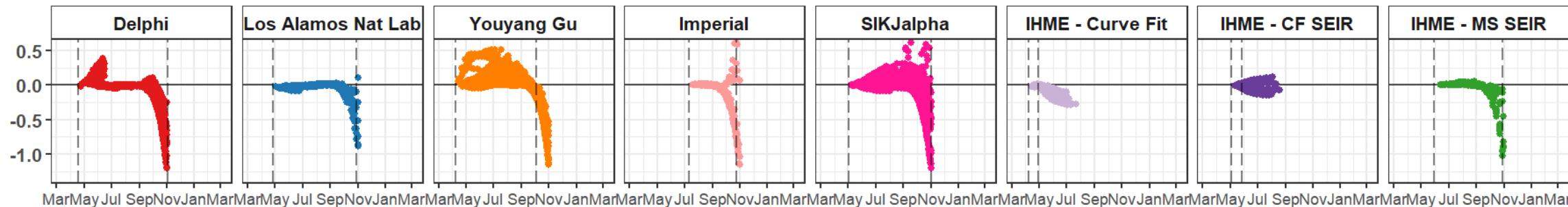
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

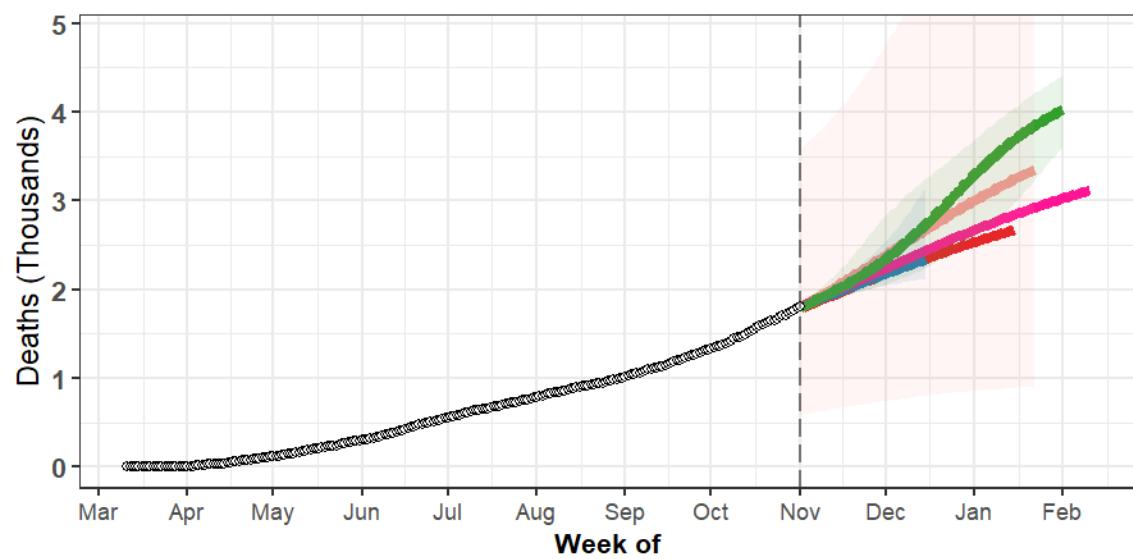


## All Cumulative Errors

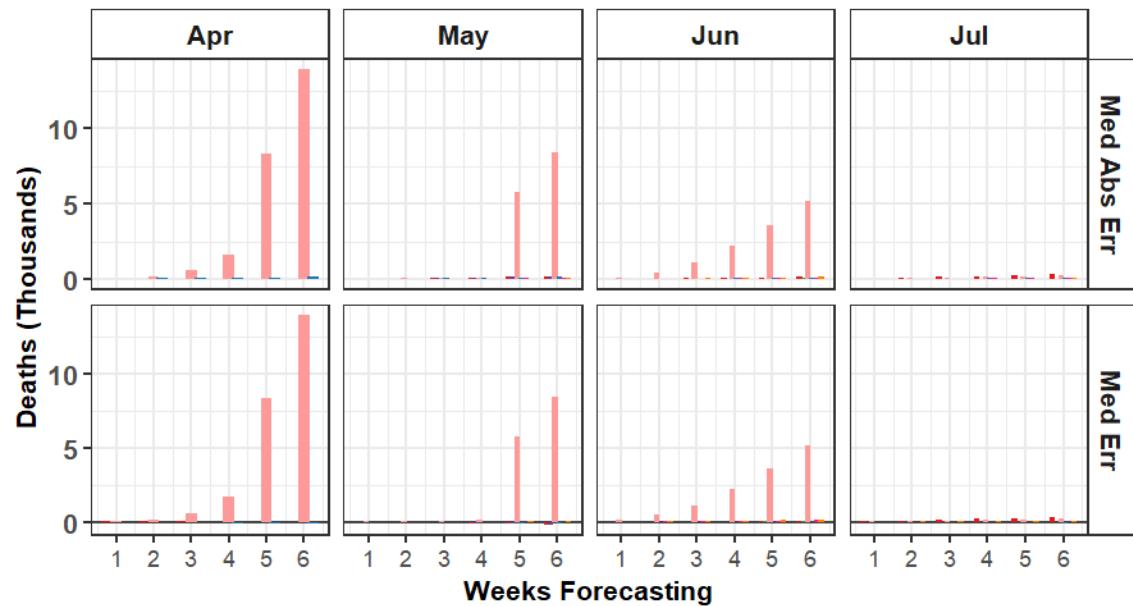


# Moldova

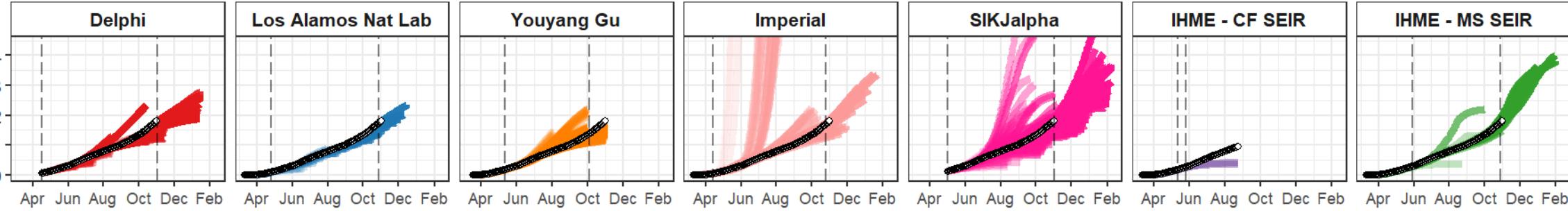
## Current Forecast



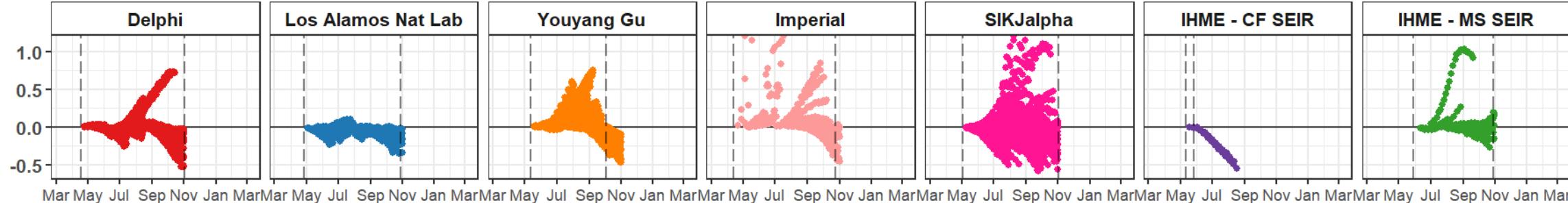
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

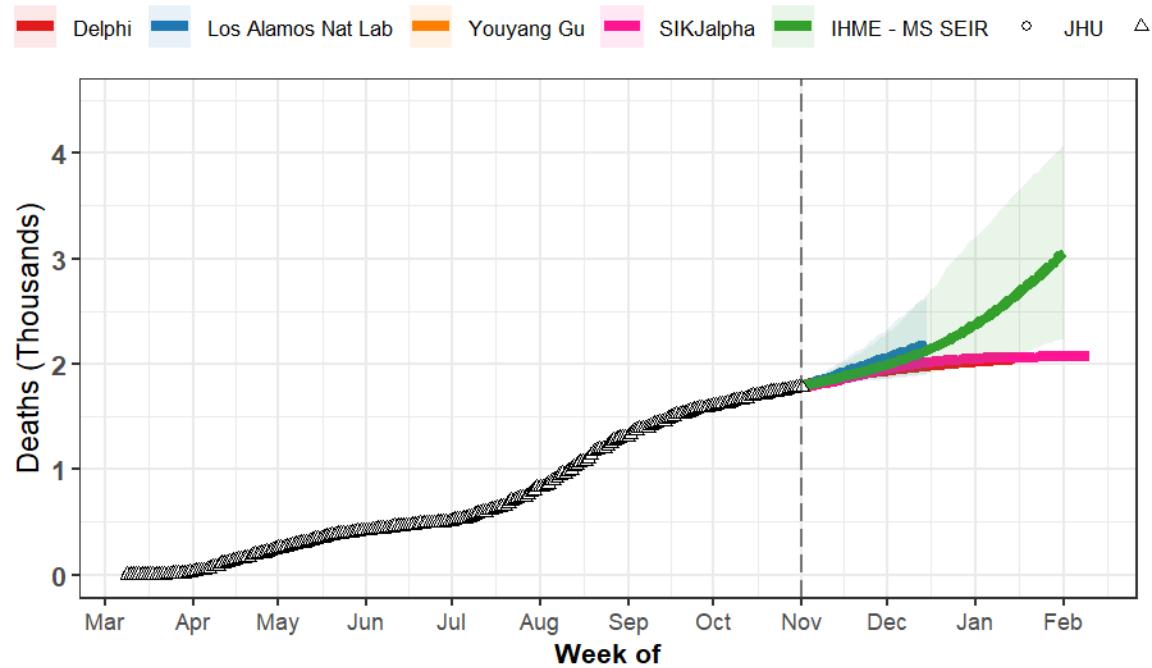


## All Cumulative Errors

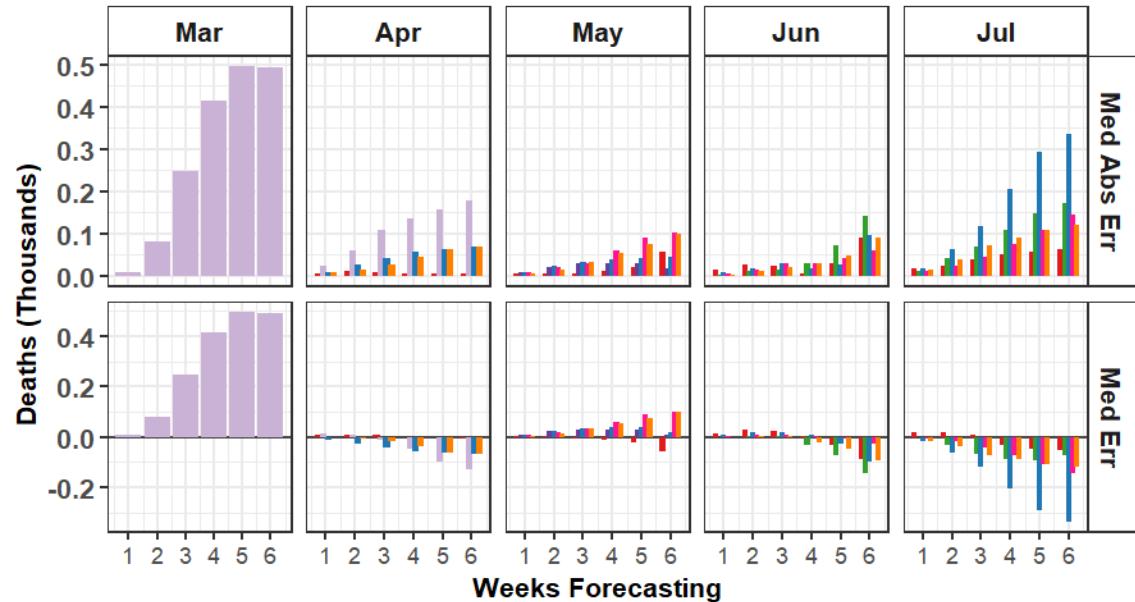


# Nevada

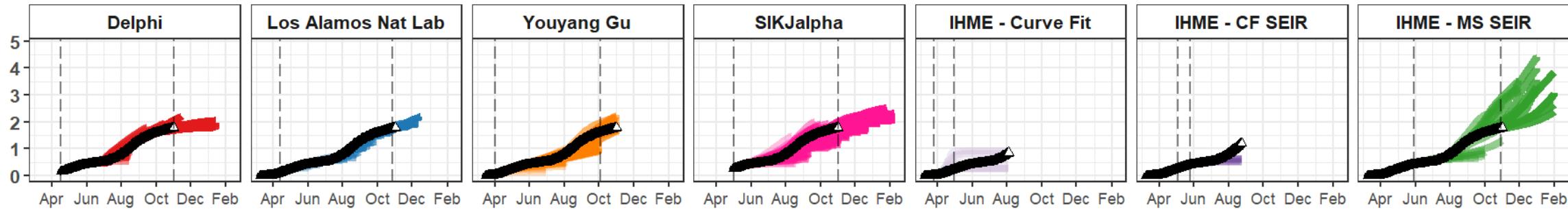
## Current Forecast



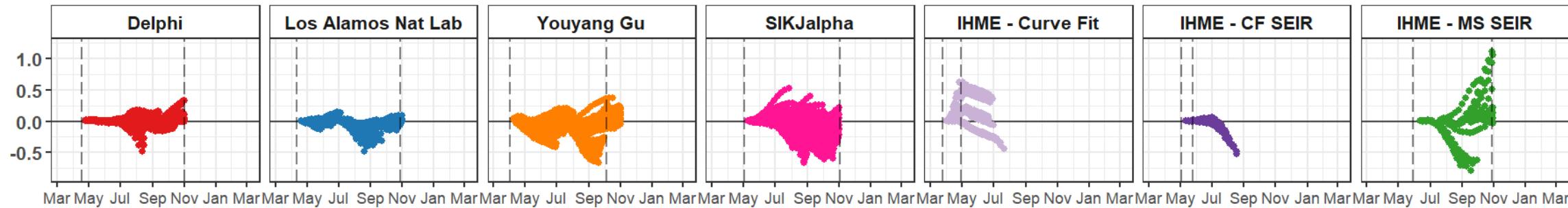
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

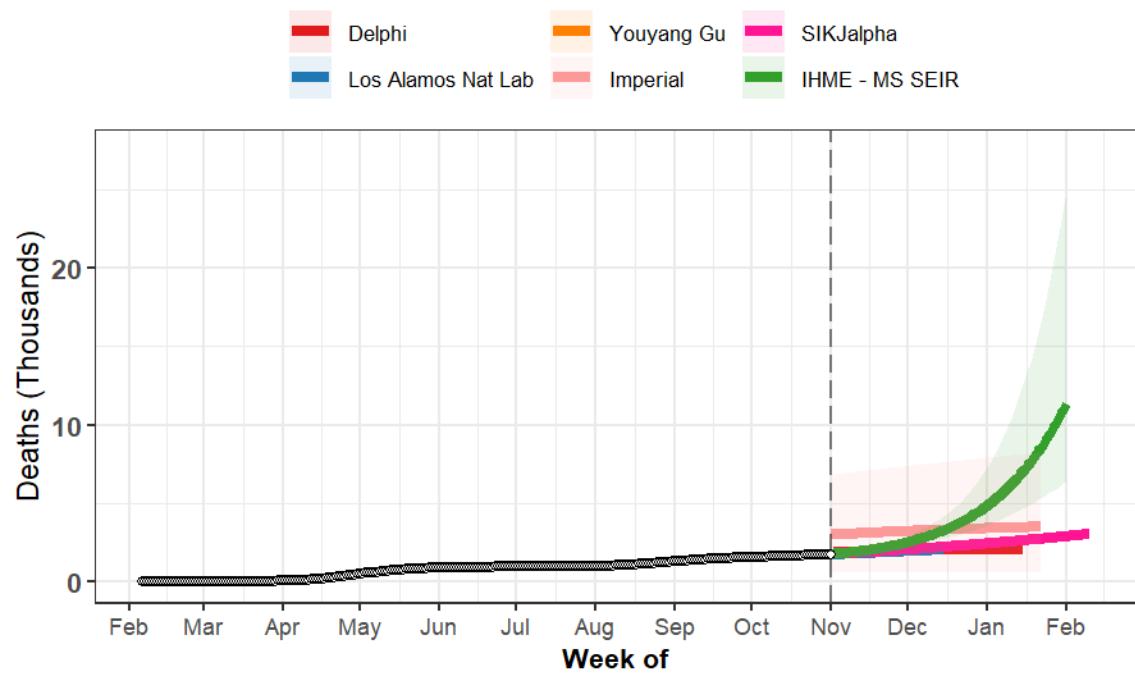


## All Cumulative Errors

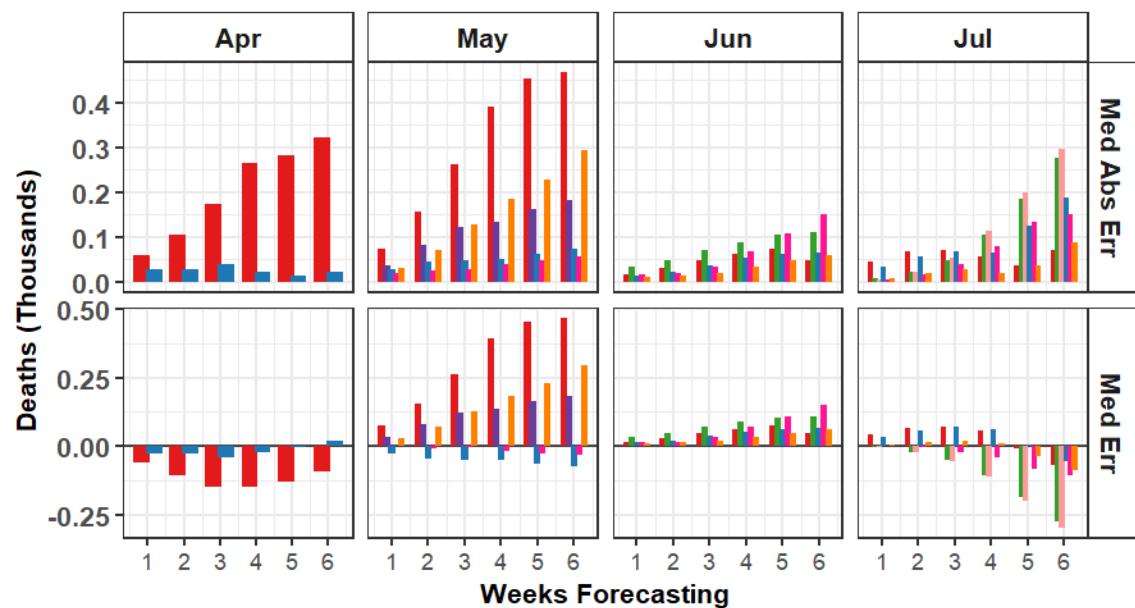


# Japan

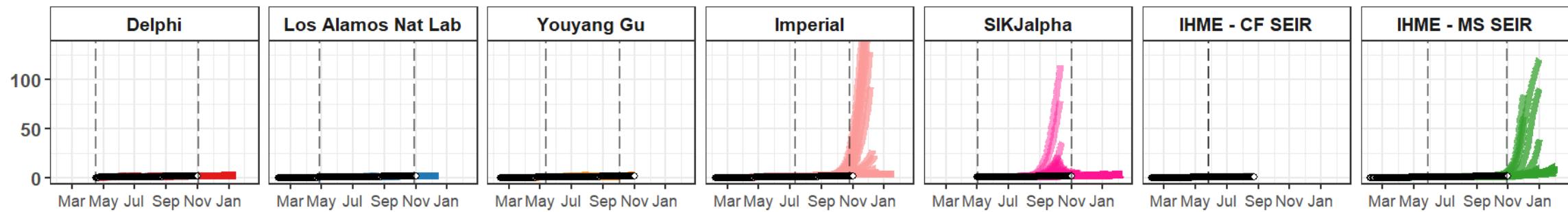
## Current Forecast



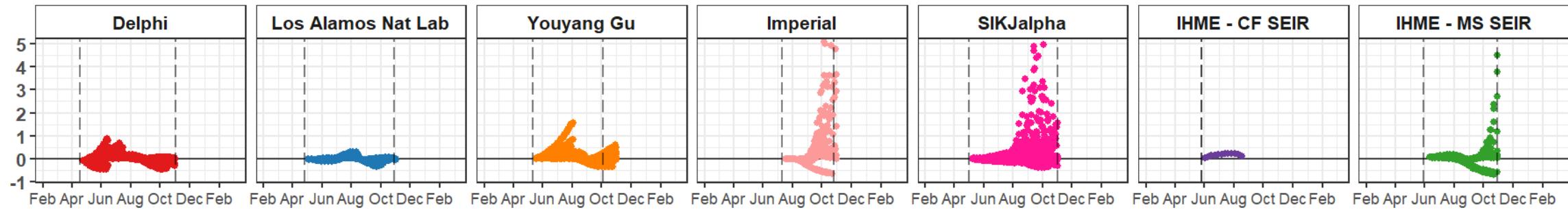
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

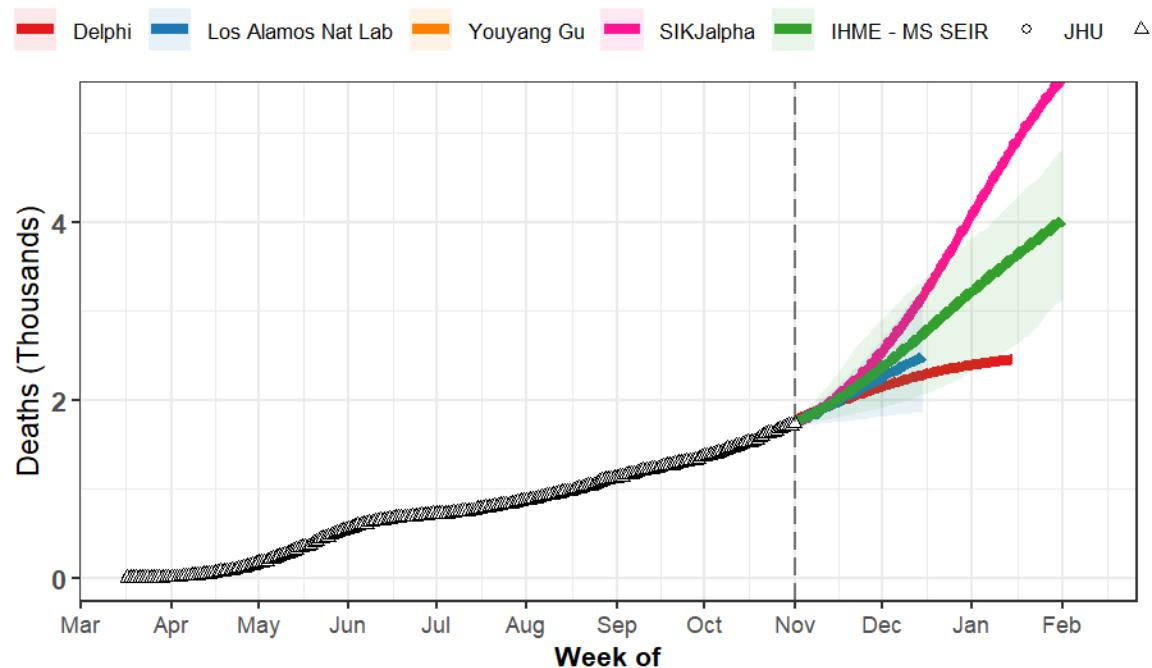


## All Cumulative Errors

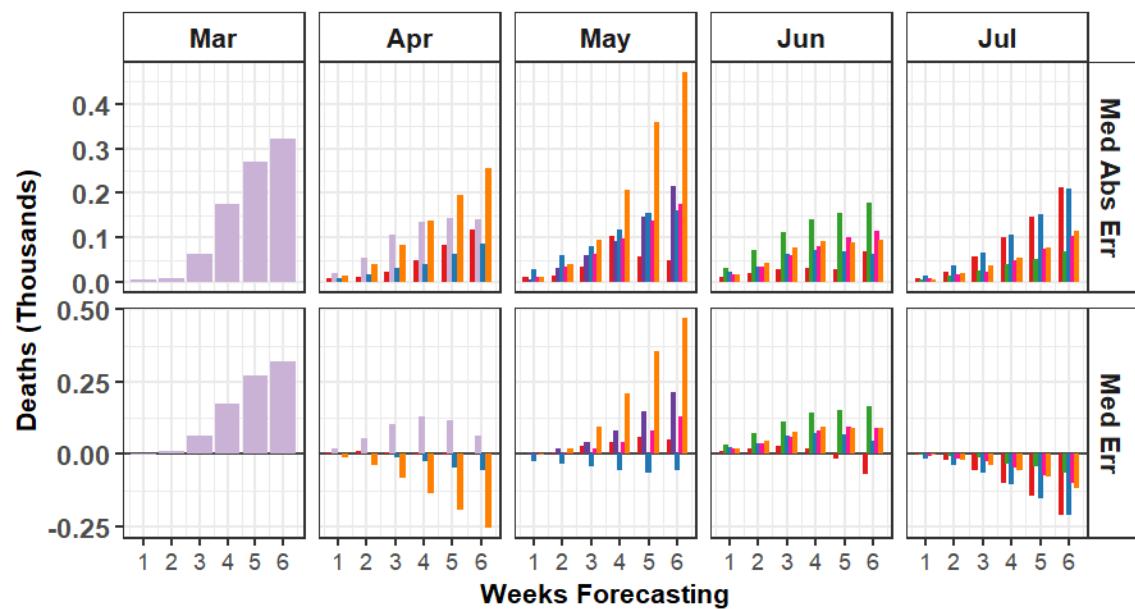


# Iowa

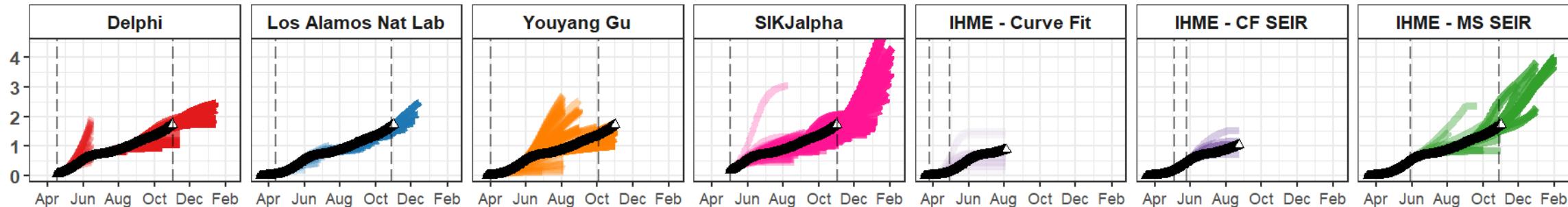
## Current Forecast



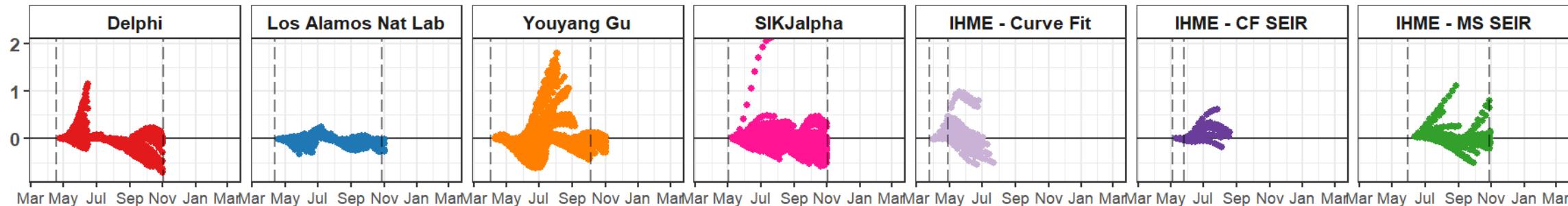
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

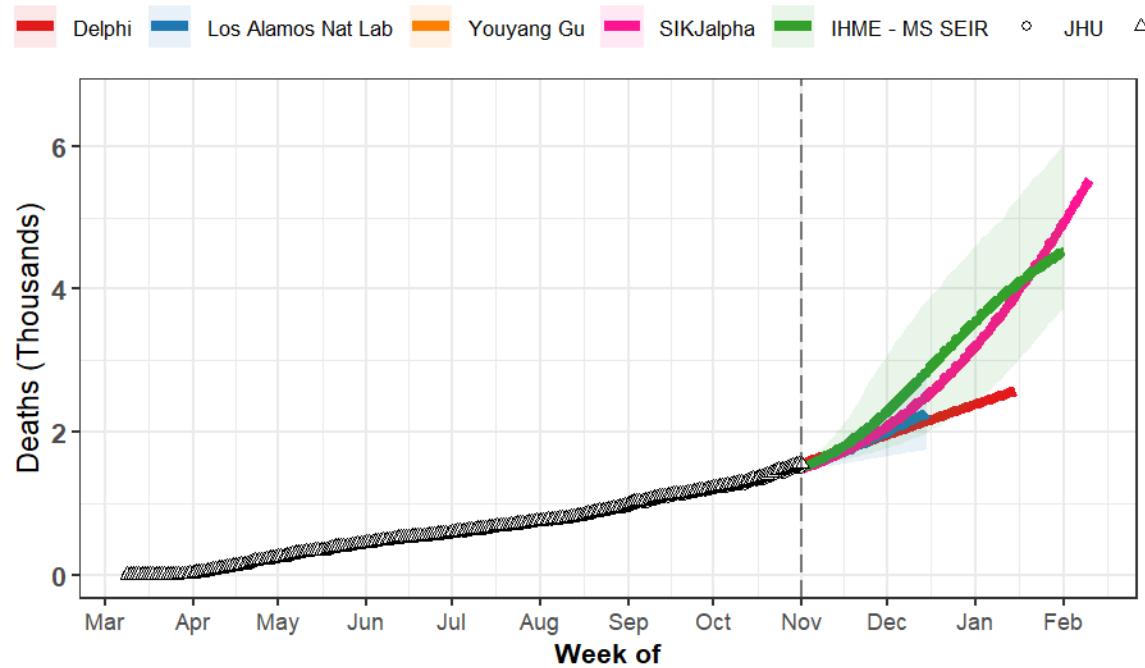


## All Cumulative Errors

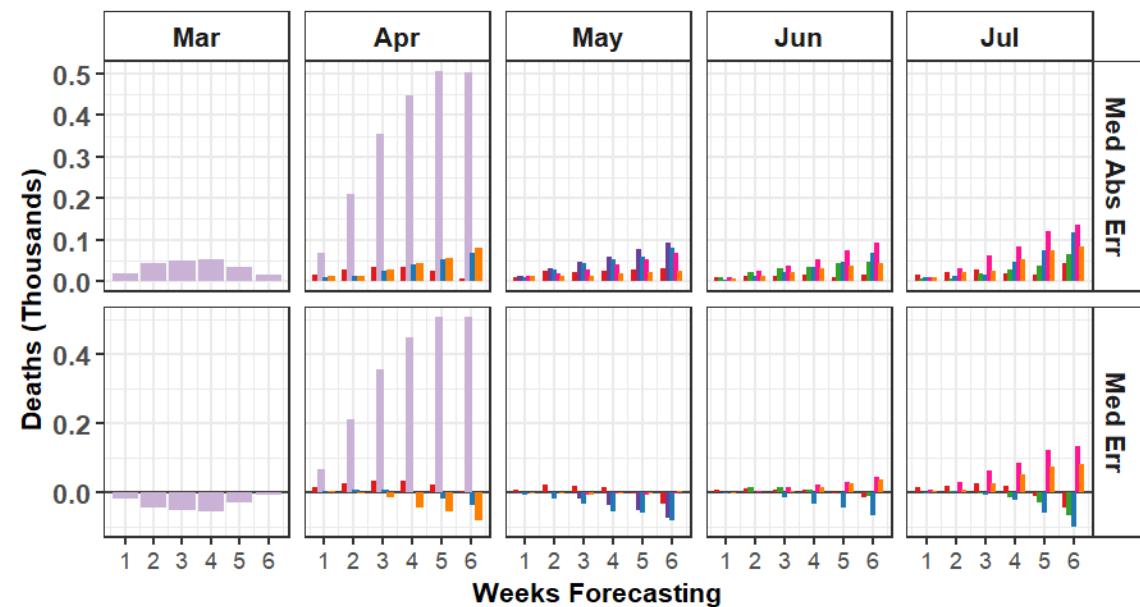


# Kentucky

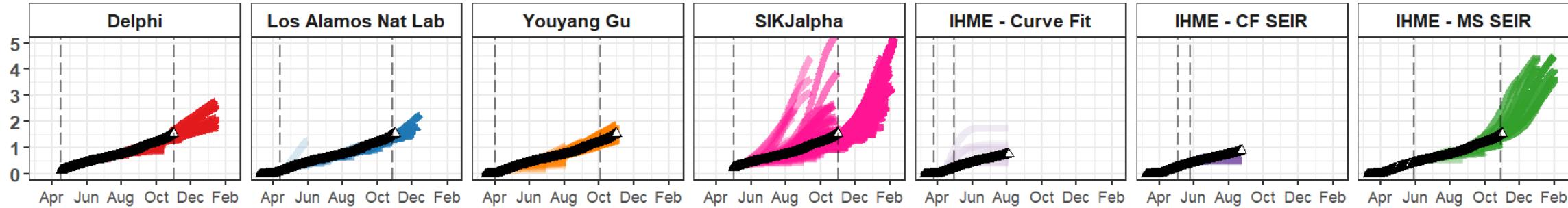
## Current Forecast



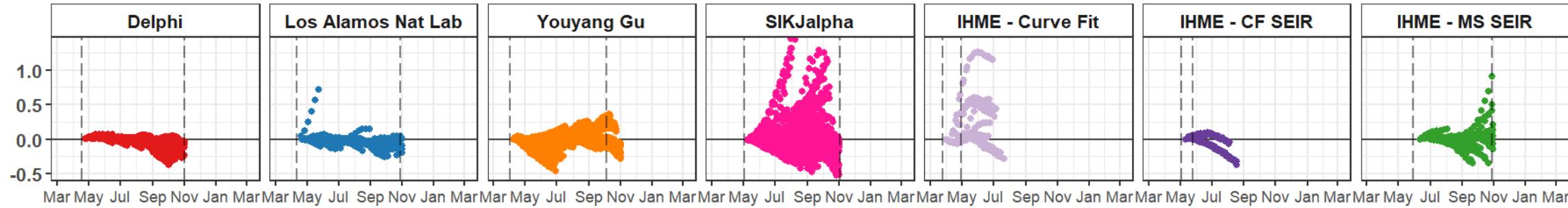
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



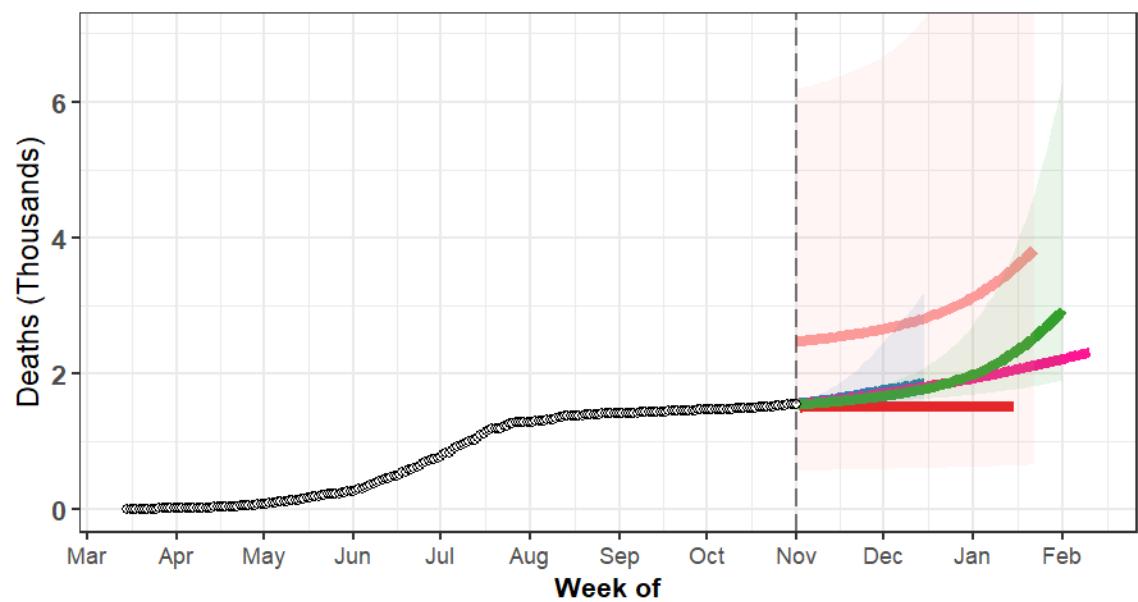
## All Cumulative Errors



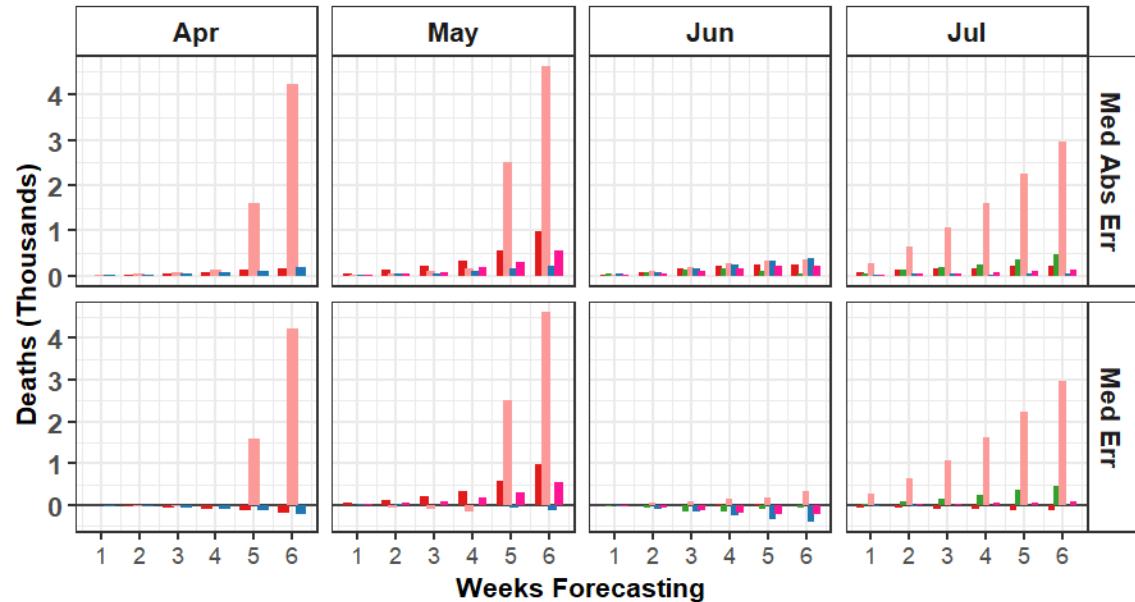
# Afghanistan

## Current Forecast

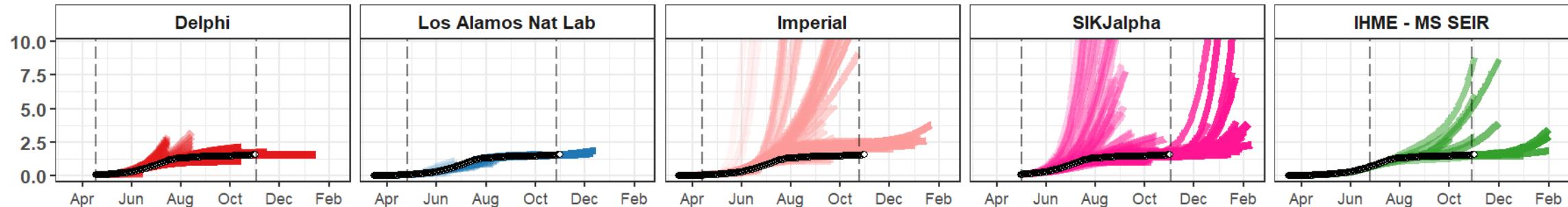
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



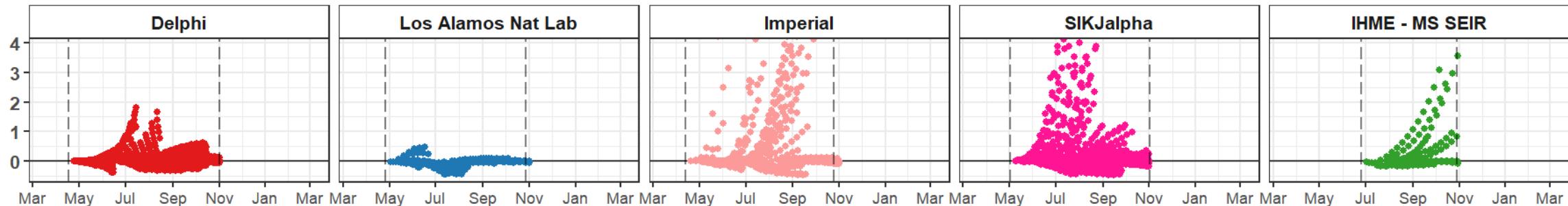
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



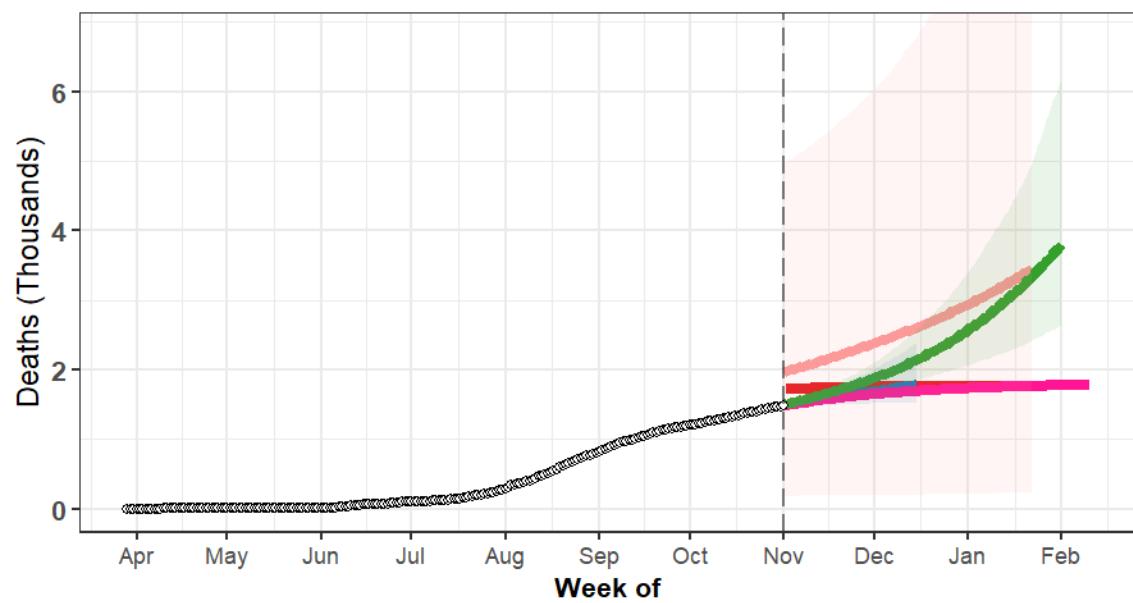
## All Cumulative Errors



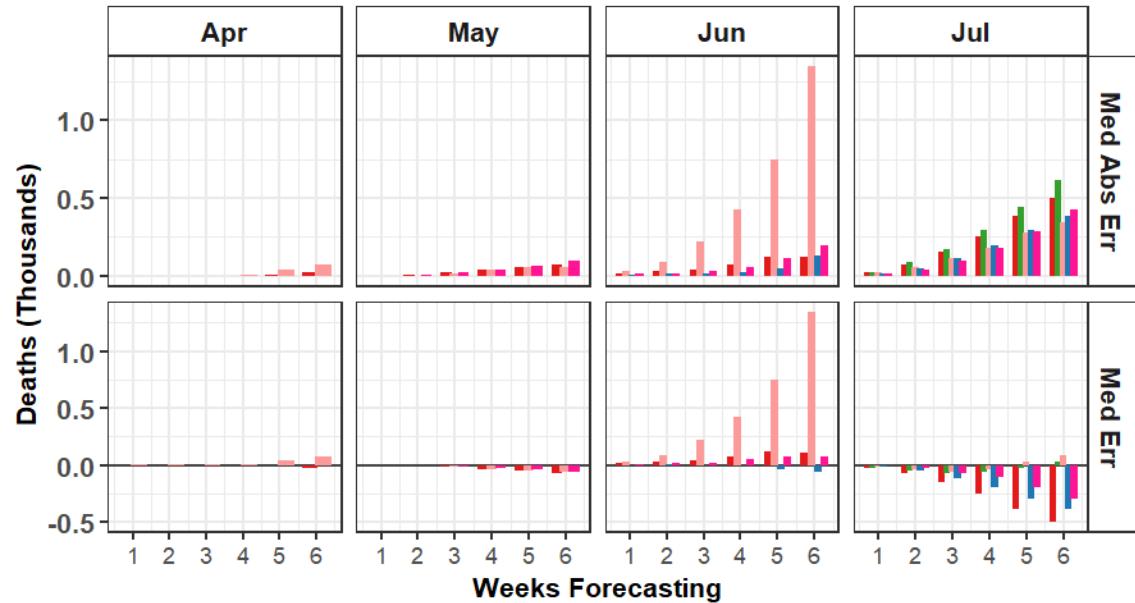
# Ethiopia

## Current Forecast

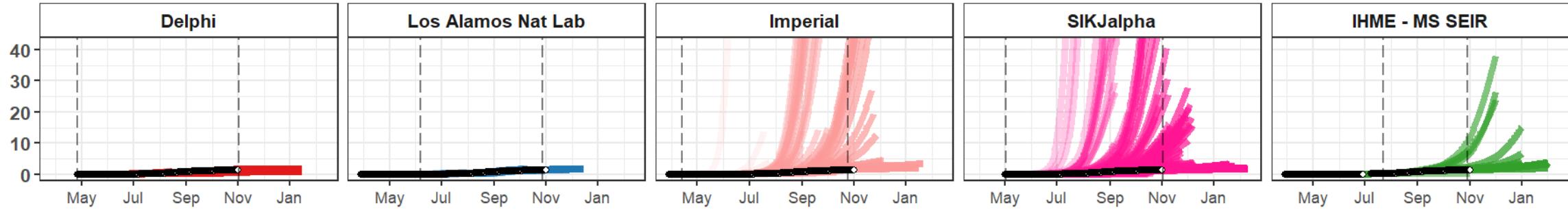
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



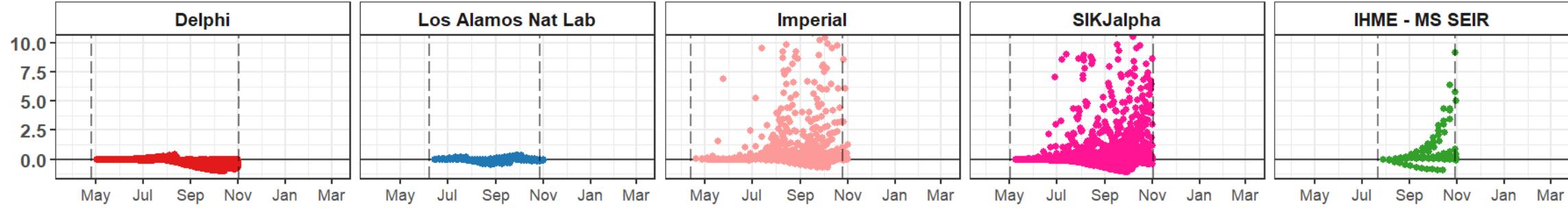
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



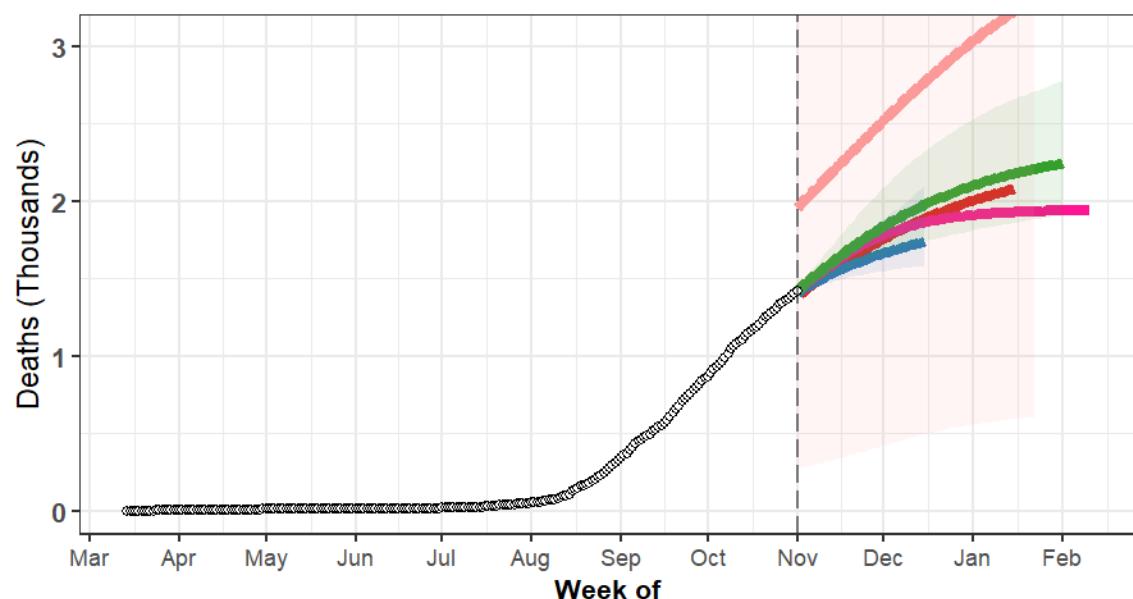
## All Cumulative Errors



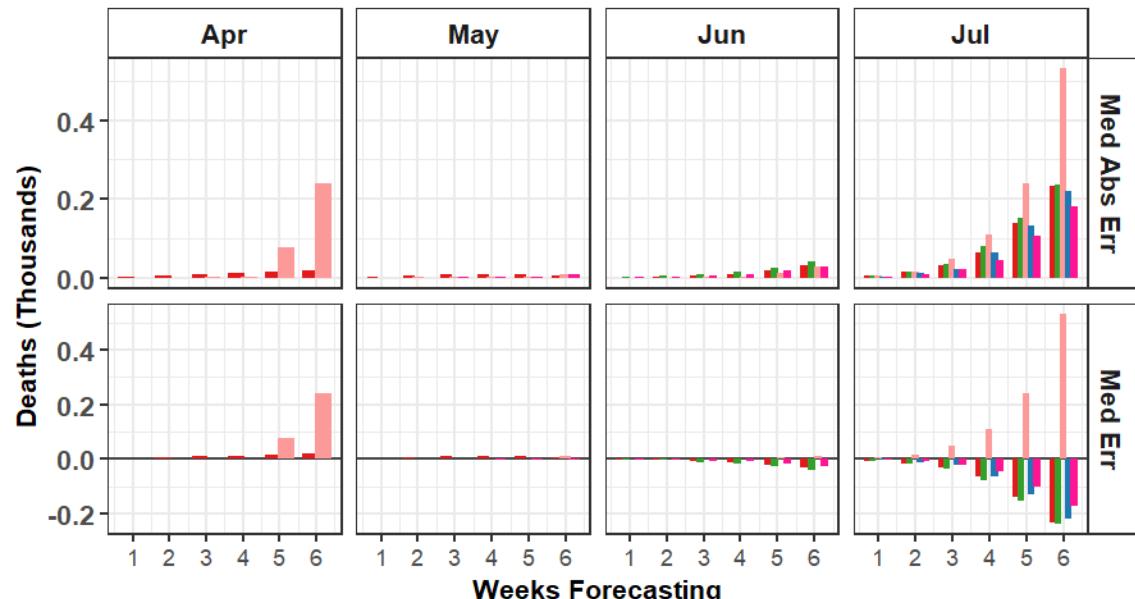
# Paraguay

## Current Forecast

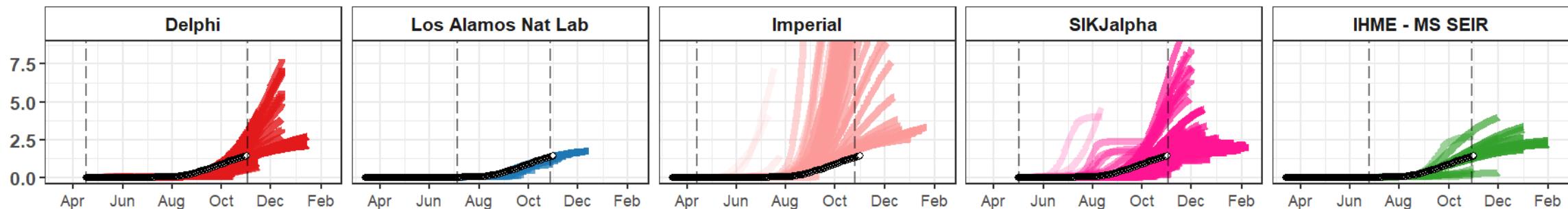
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



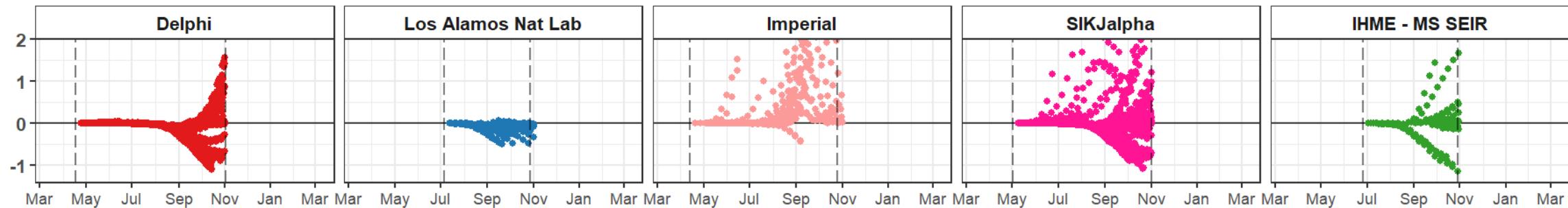
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



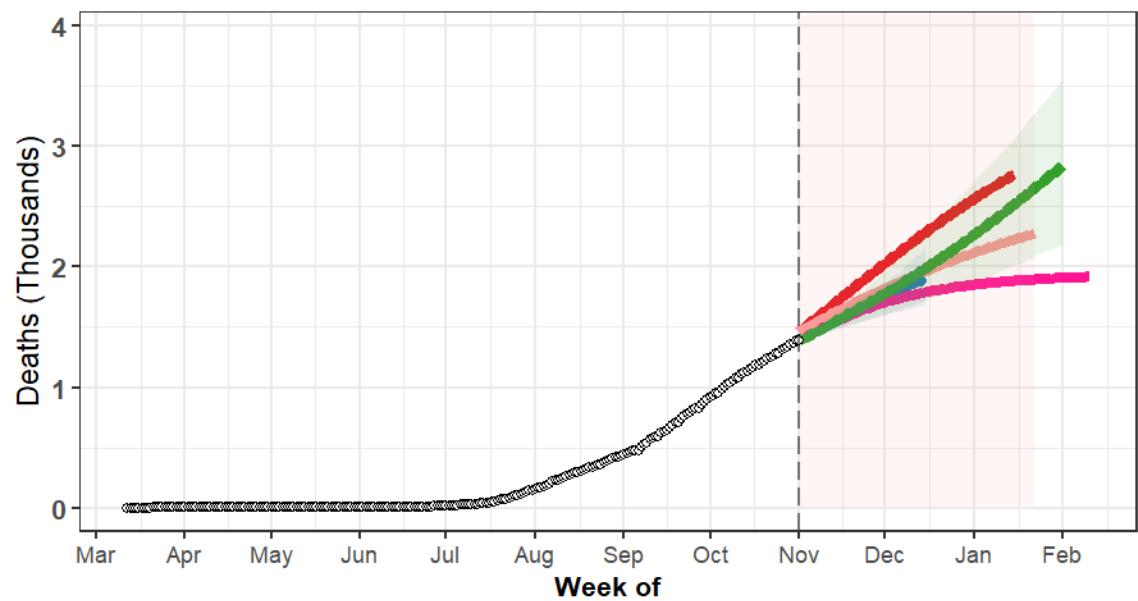
## All Cumulative Errors



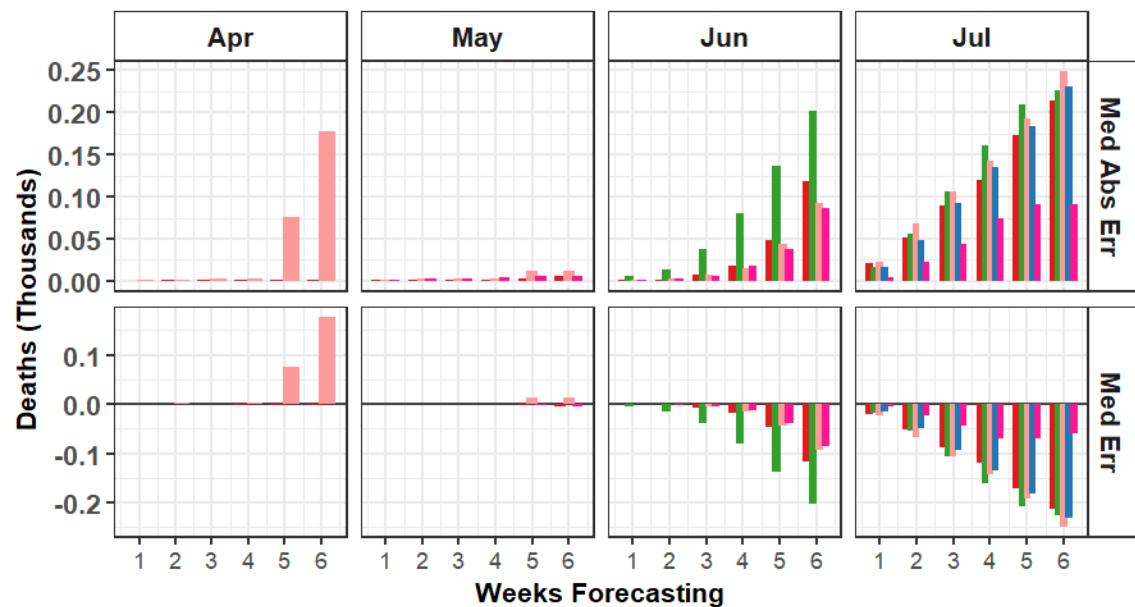
# Costa Rica

## Current Forecast

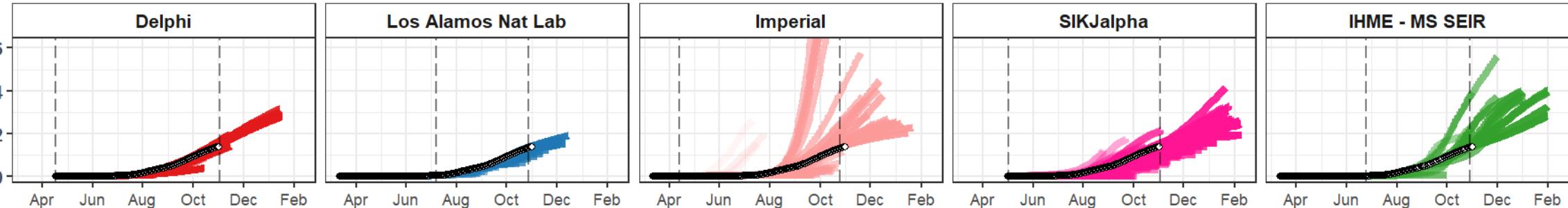
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



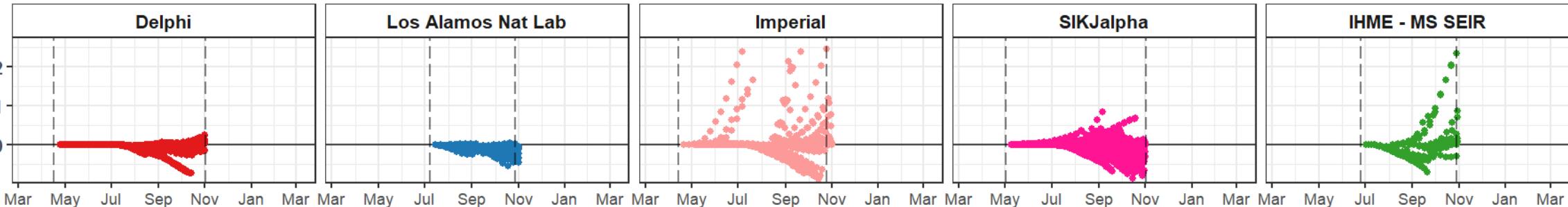
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



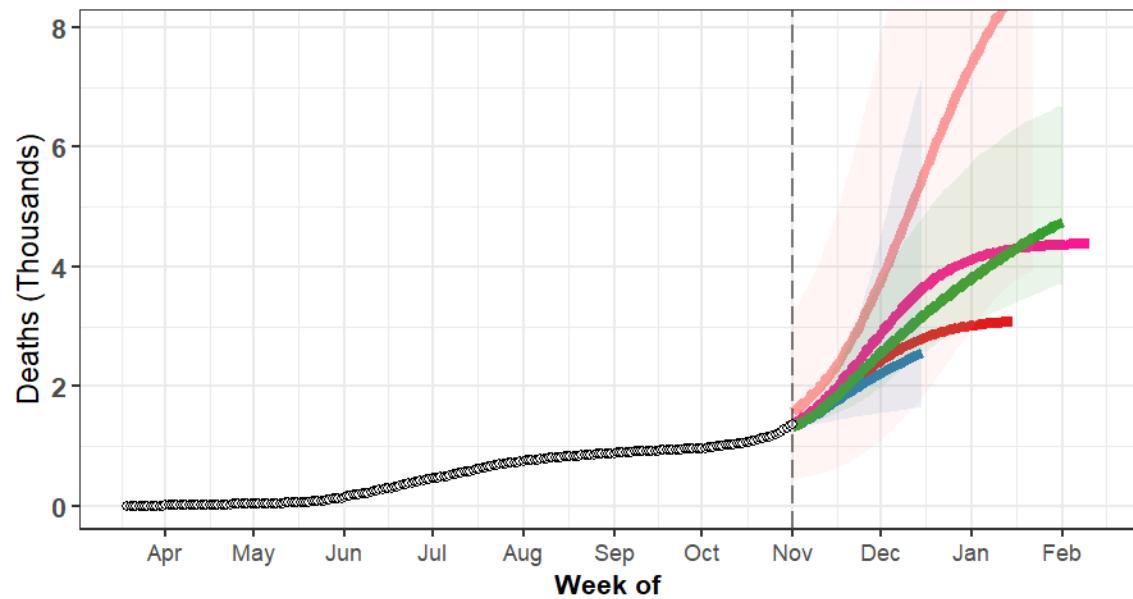
## All Cumulative Errors



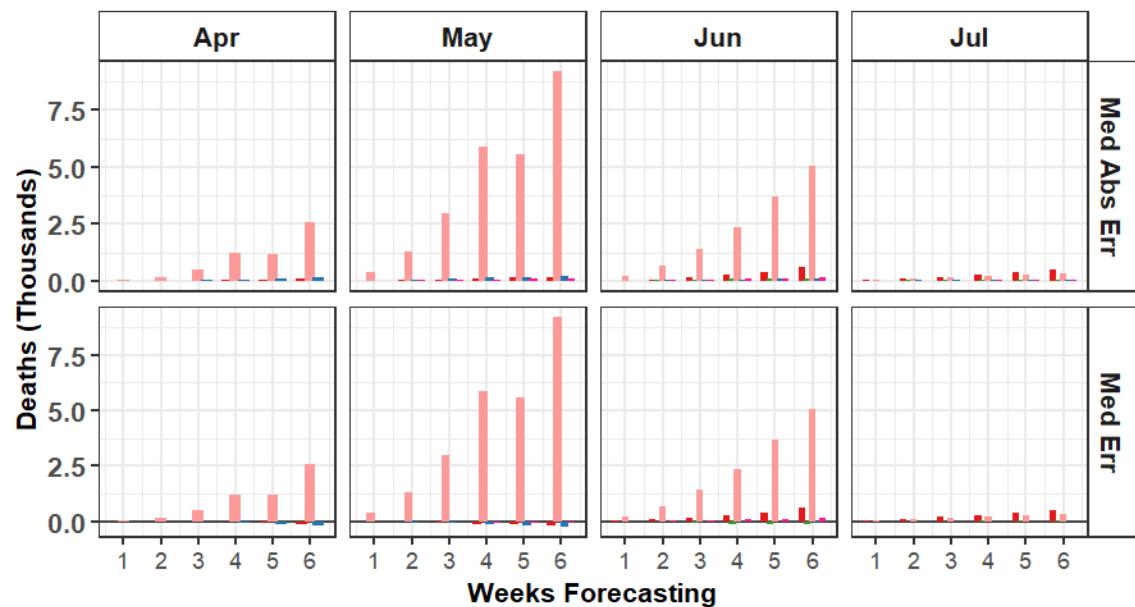
# Armenia

## Current Forecast

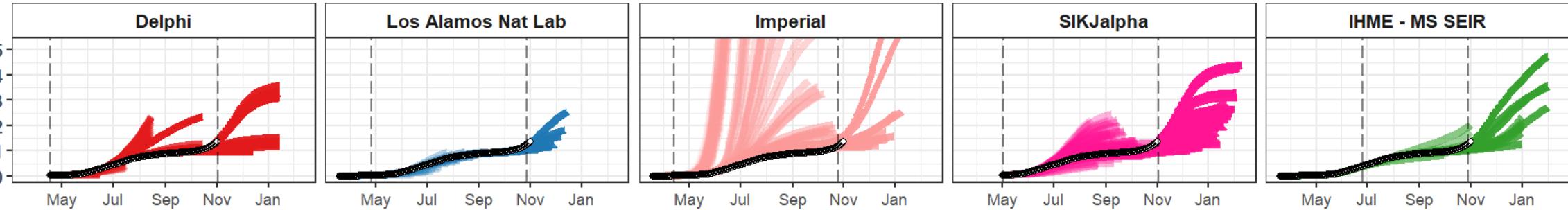
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



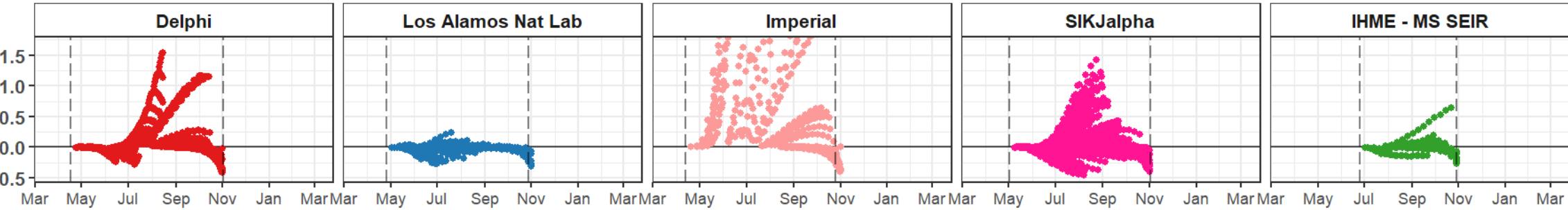
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



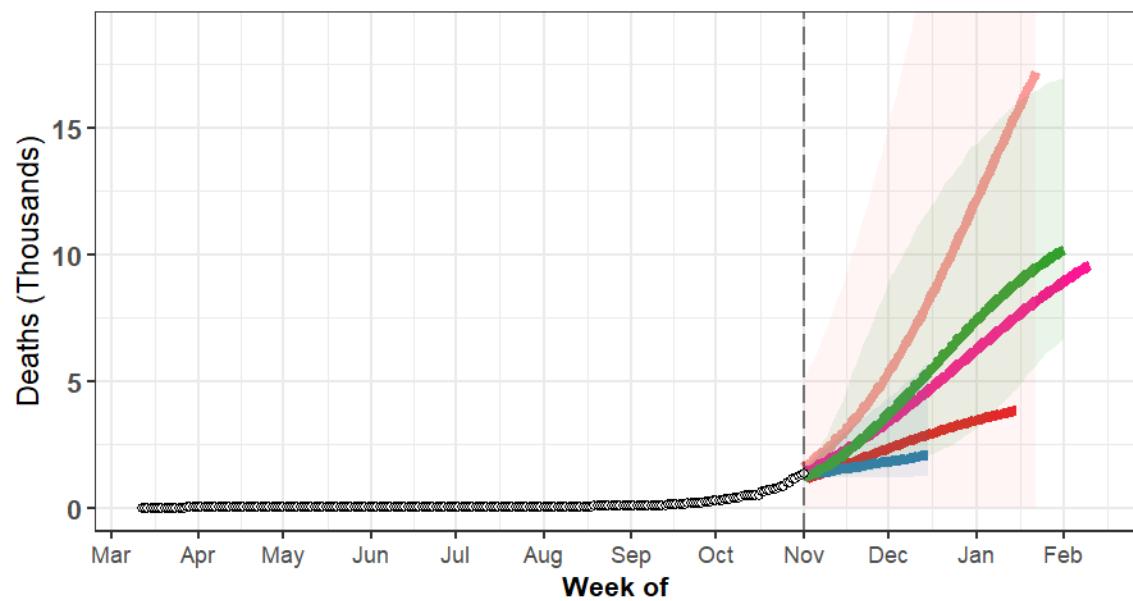
## All Cumulative Errors



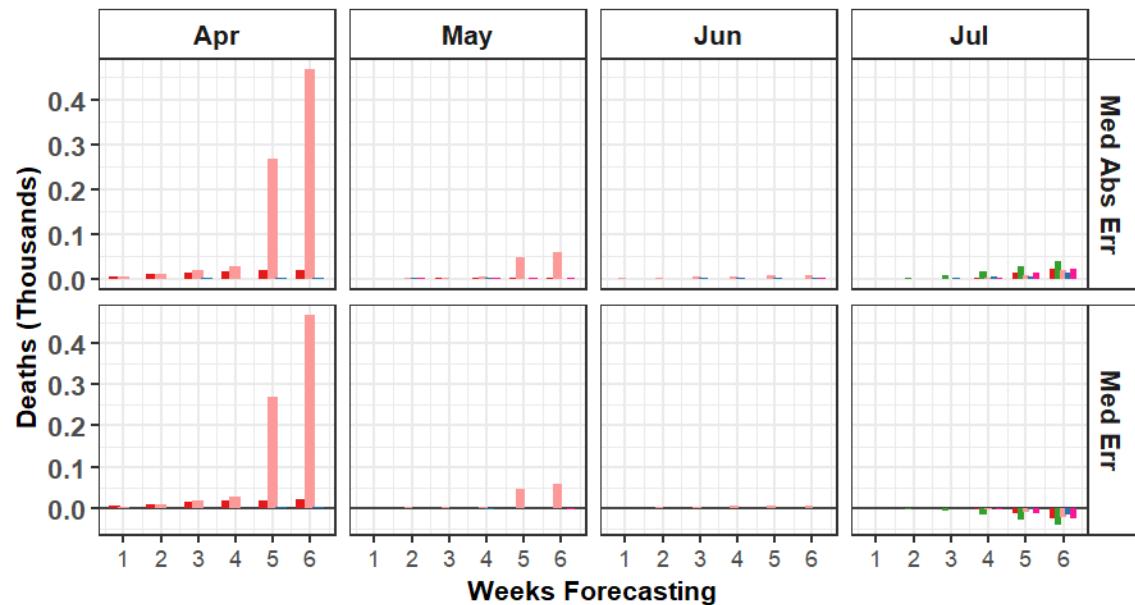
# Tunisia

## Current Forecast

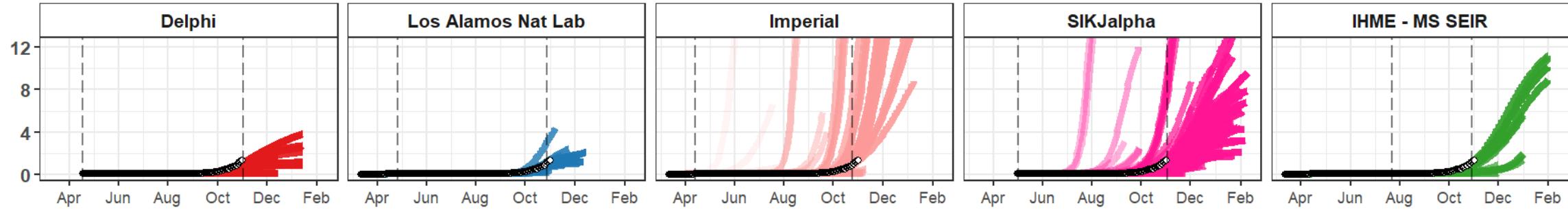
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



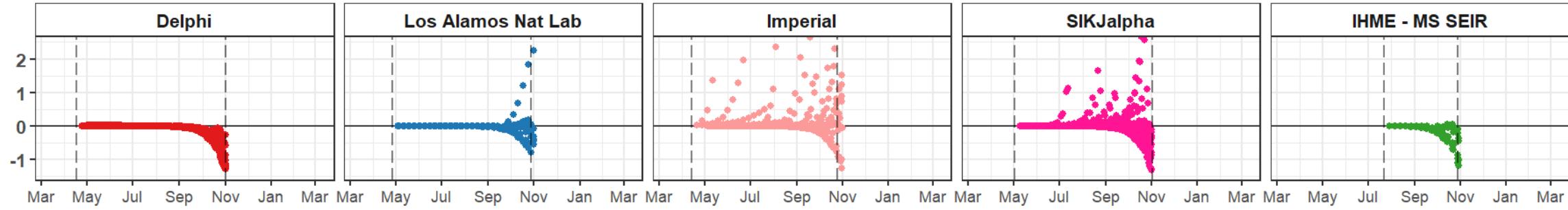
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

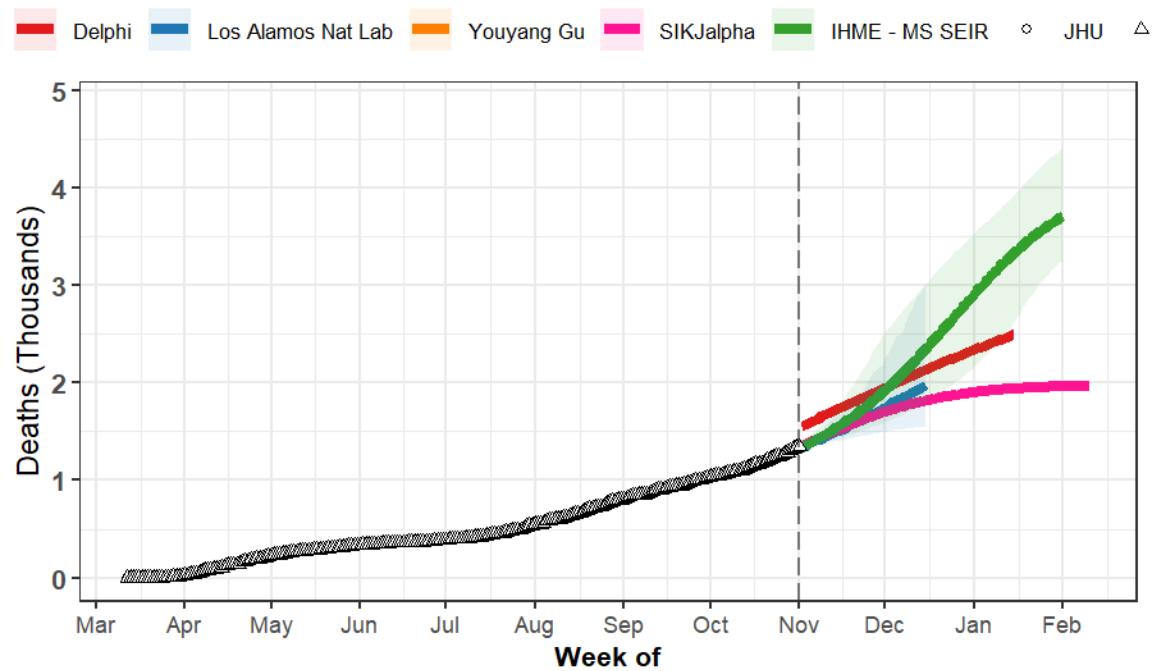


## All Cumulative Errors

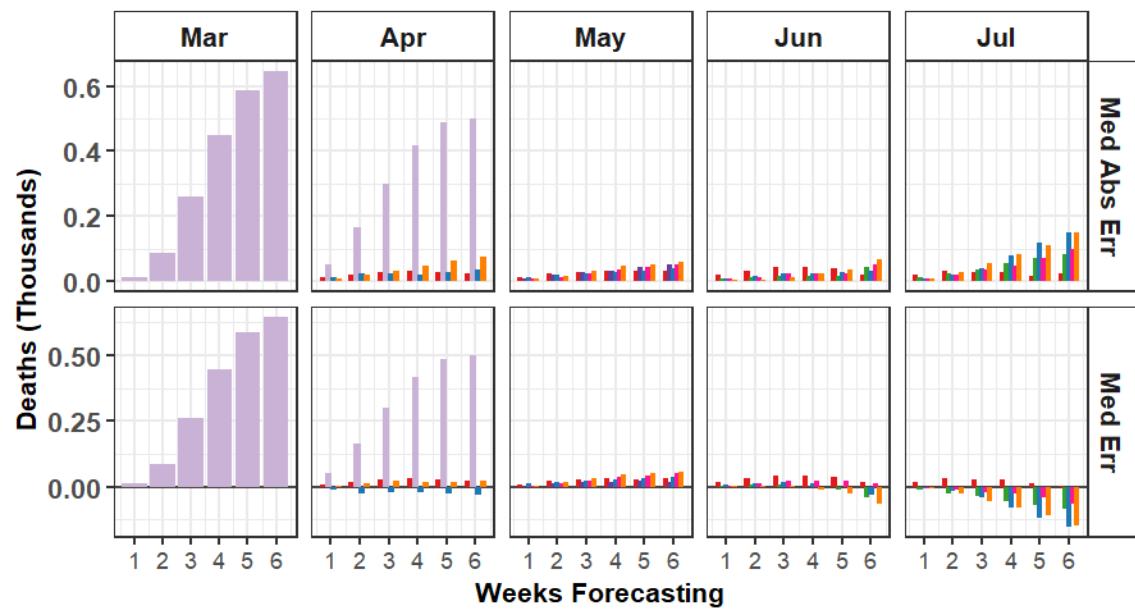


# Oklahoma

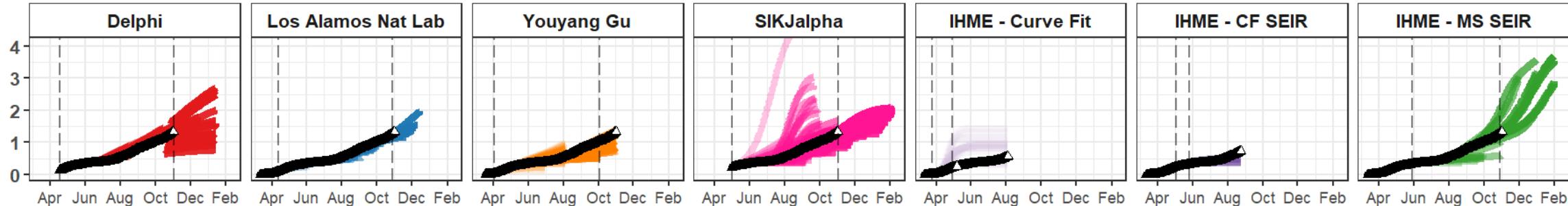
## Current Forecast



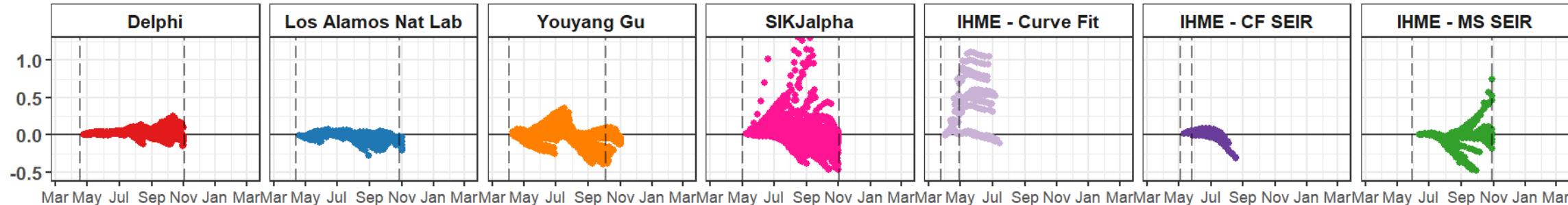
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

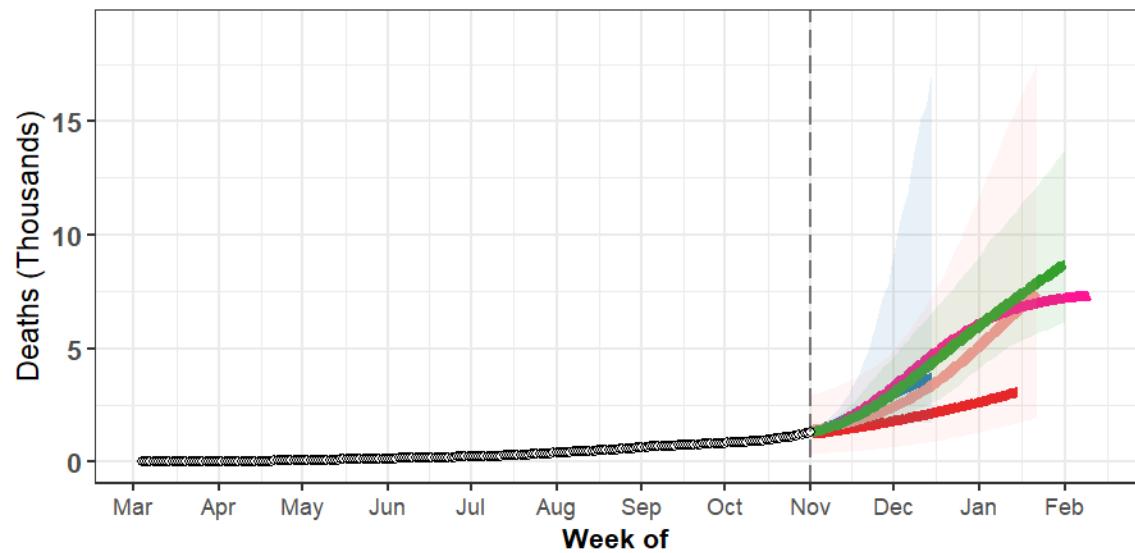


## All Cumulative Errors

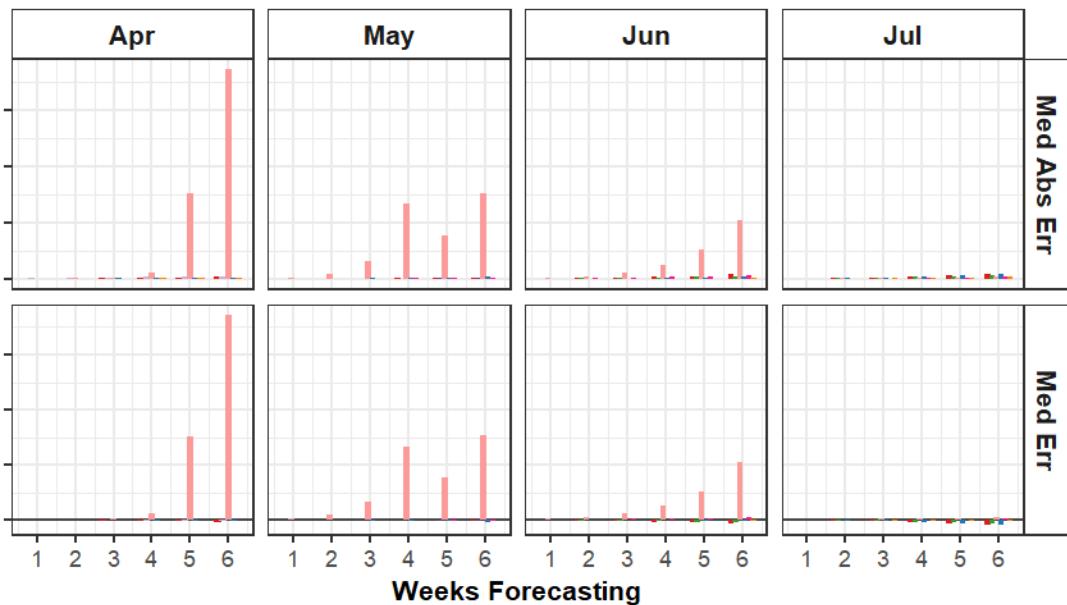


# Bulgaria

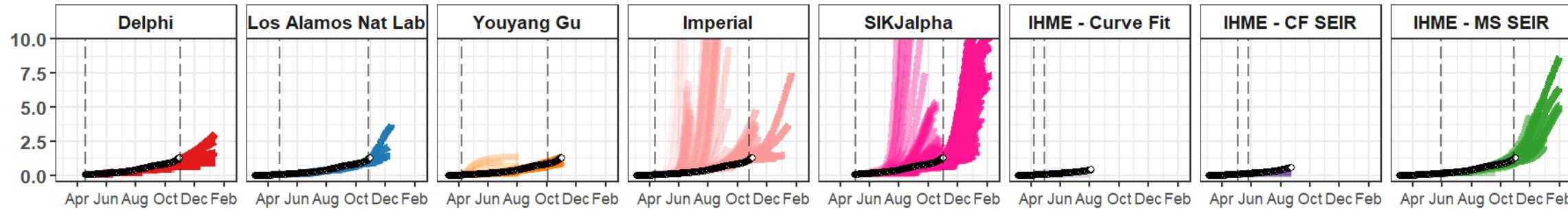
## **Current Forecast**



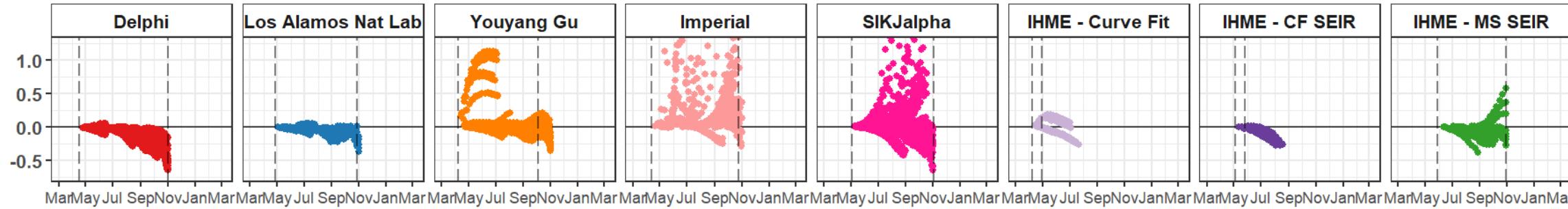
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



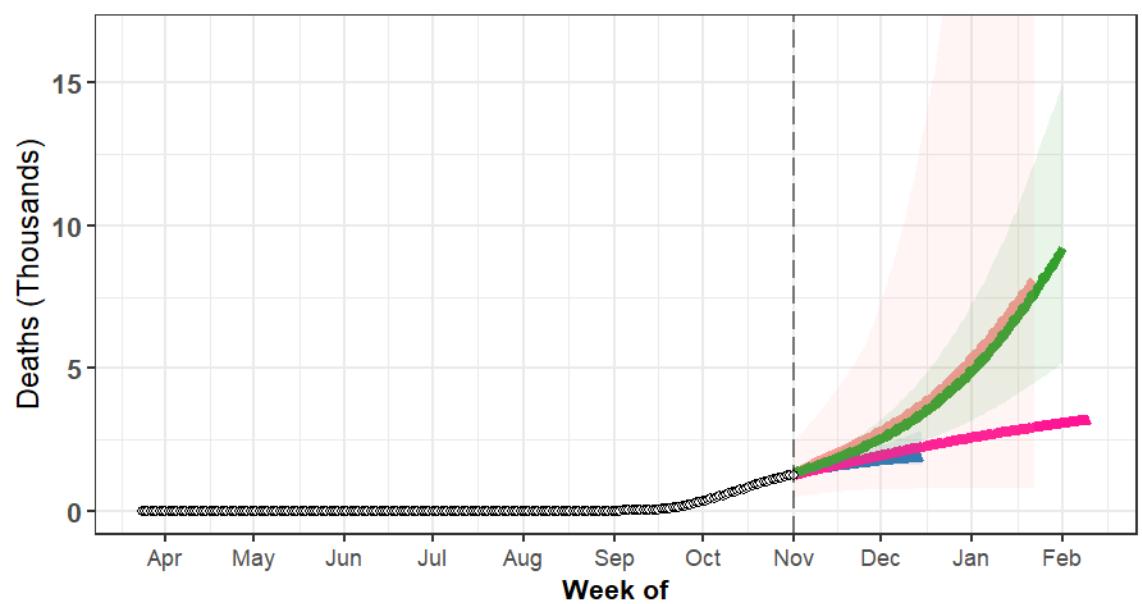
## All Cumulative Errors



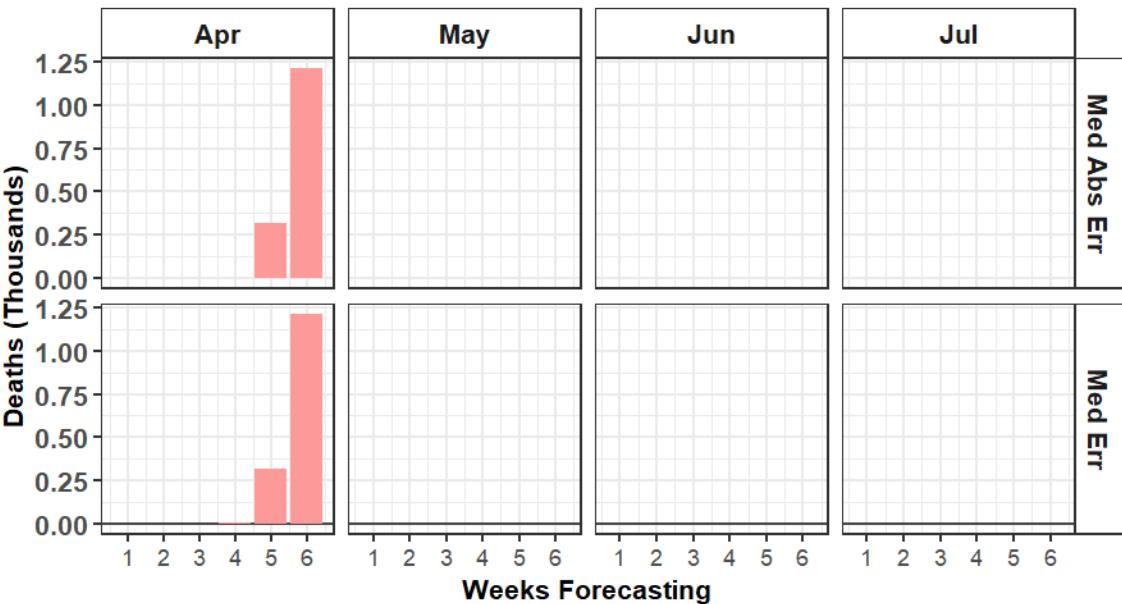
# Myanmar

## Current Forecast

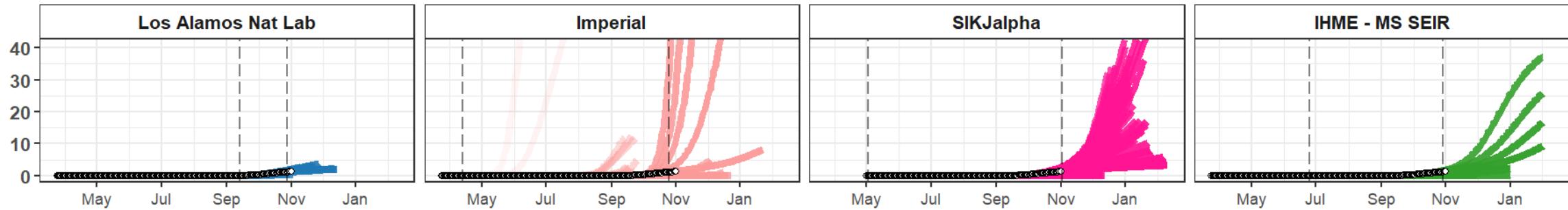
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



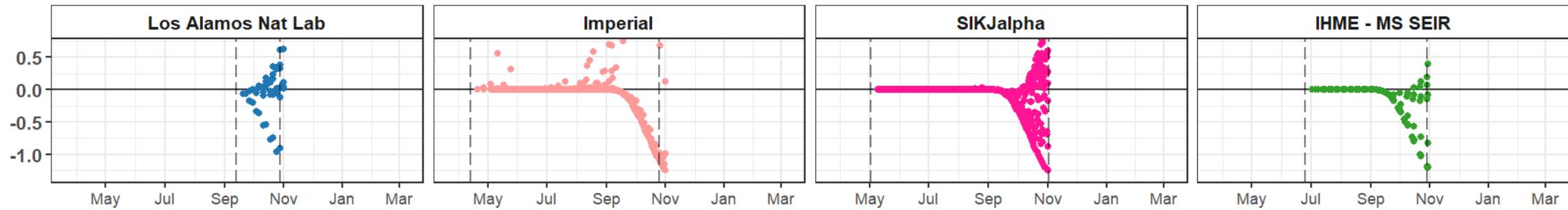
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



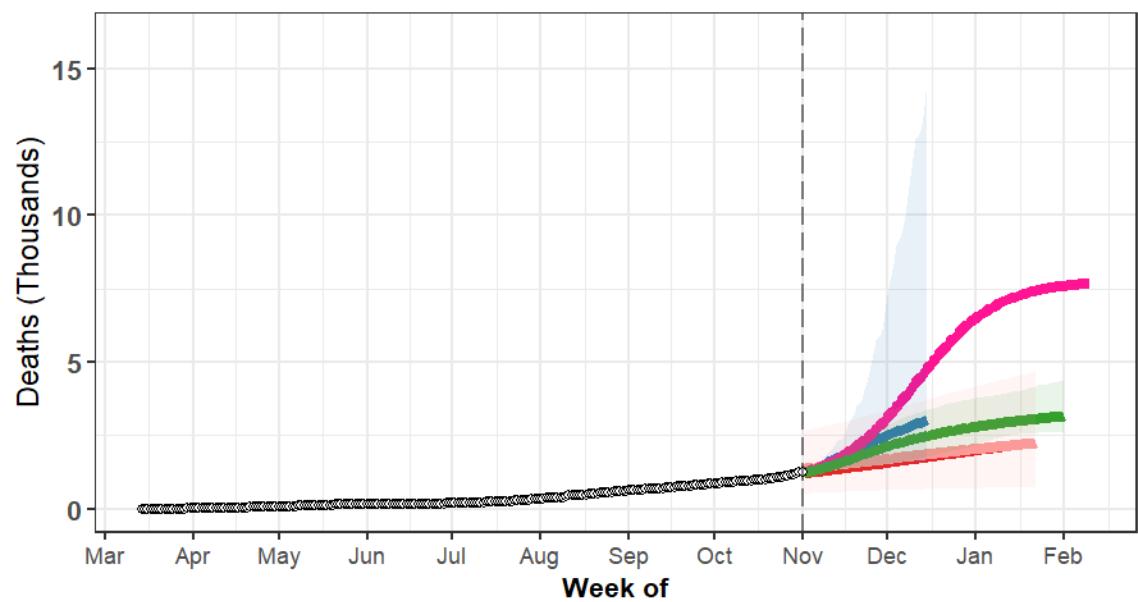
## All Cumulative Errors



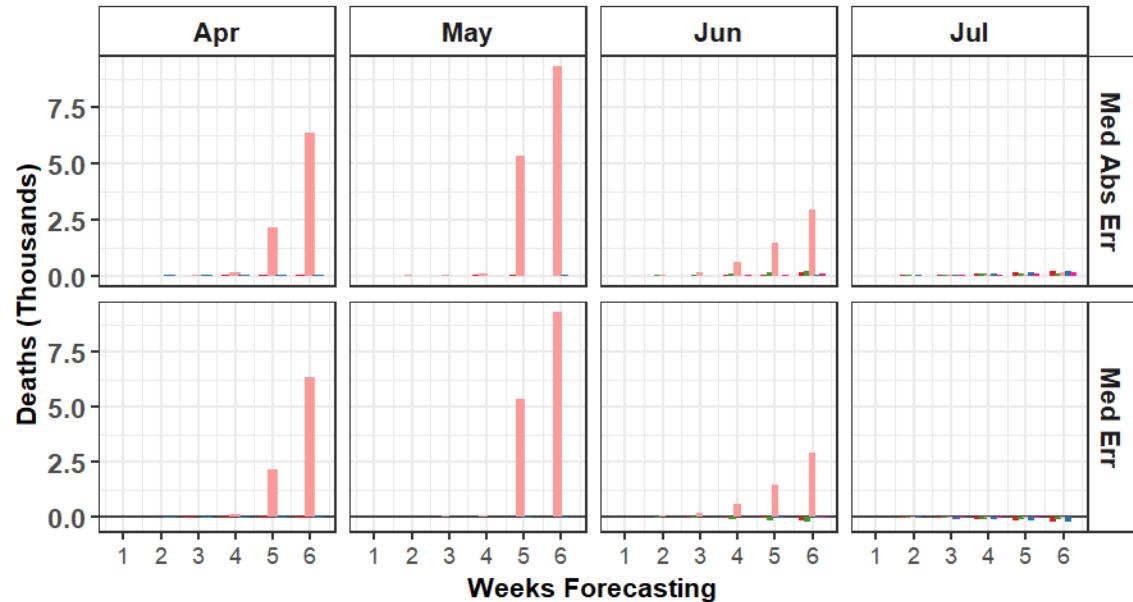
# Bosnia and Herzegovina

## Current Forecast

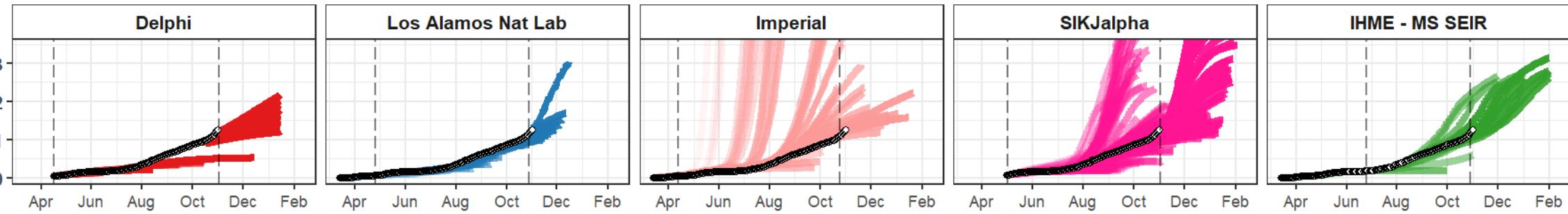
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



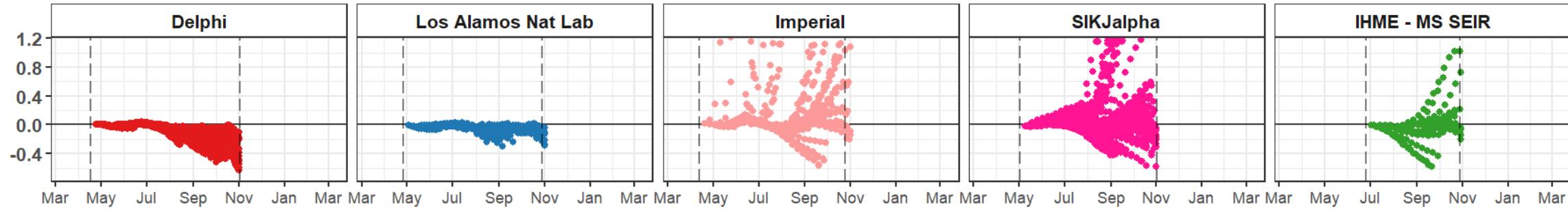
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



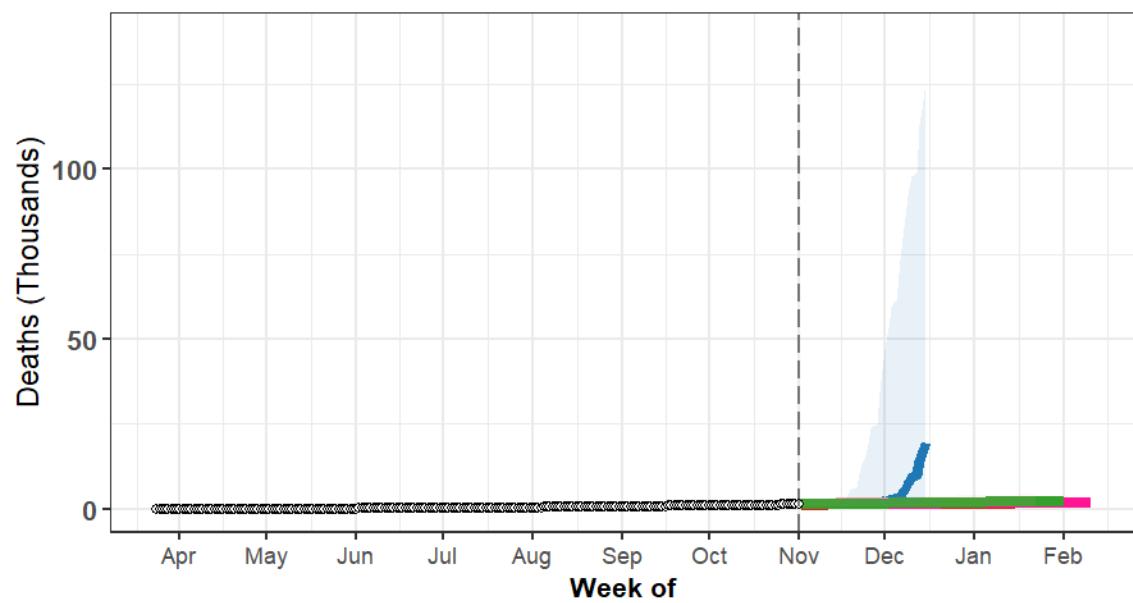
## All Cumulative Errors



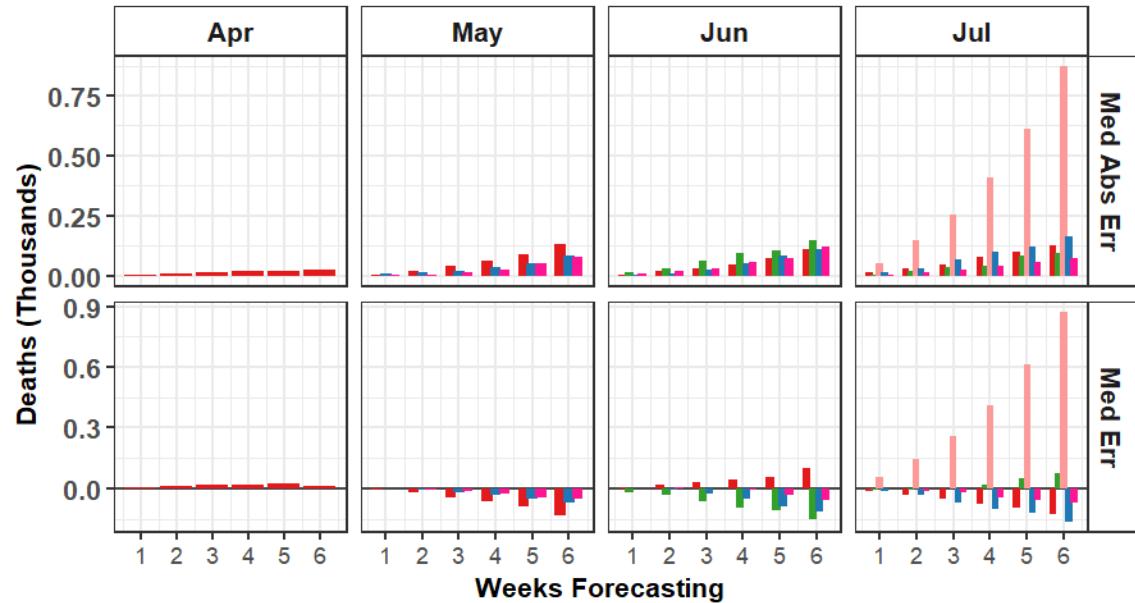
# Oman

## Current Forecast

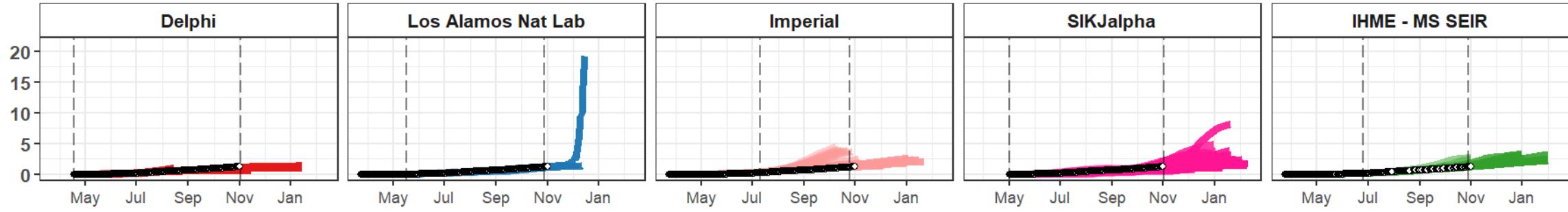
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



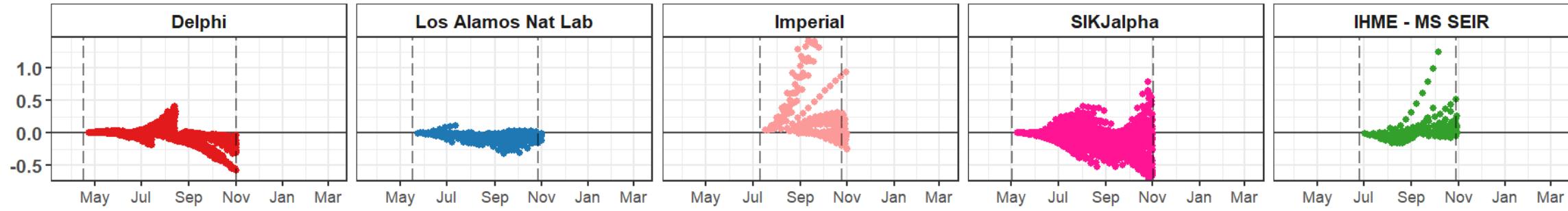
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

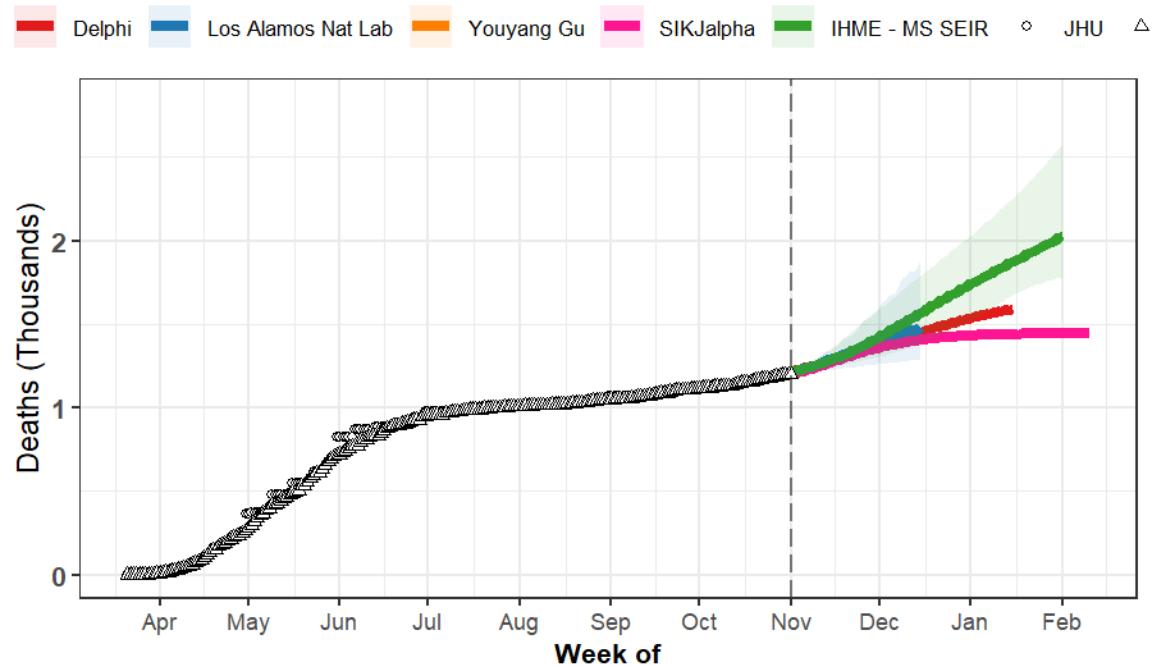


## All Cumulative Errors

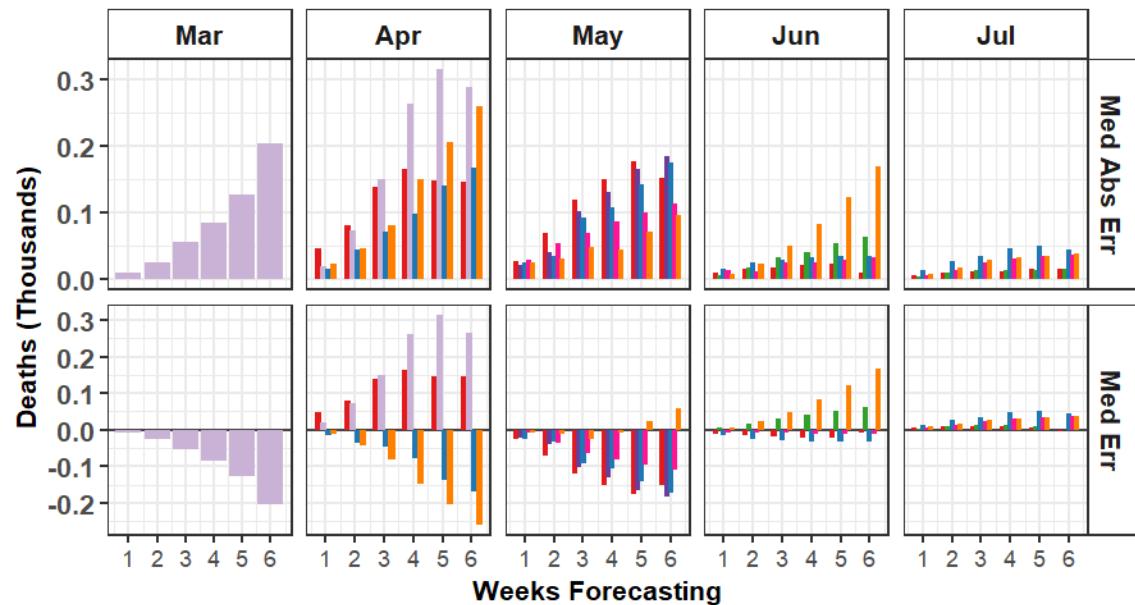


# Rhode Island

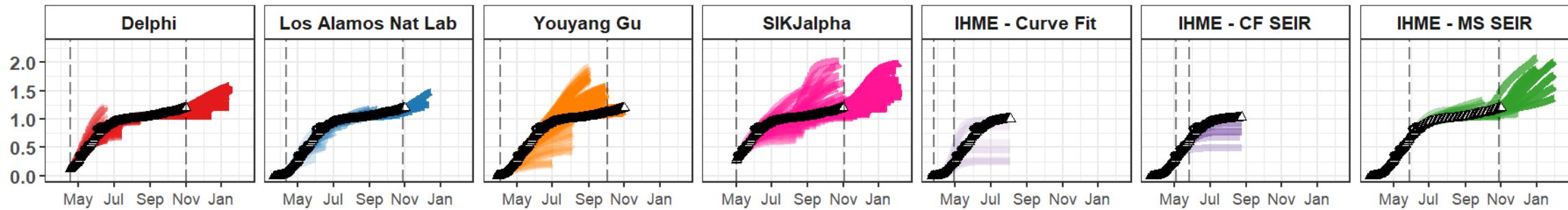
## Current Forecast



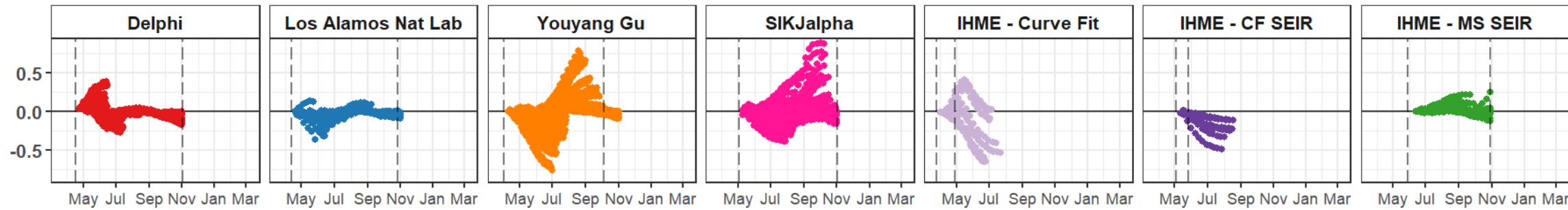
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

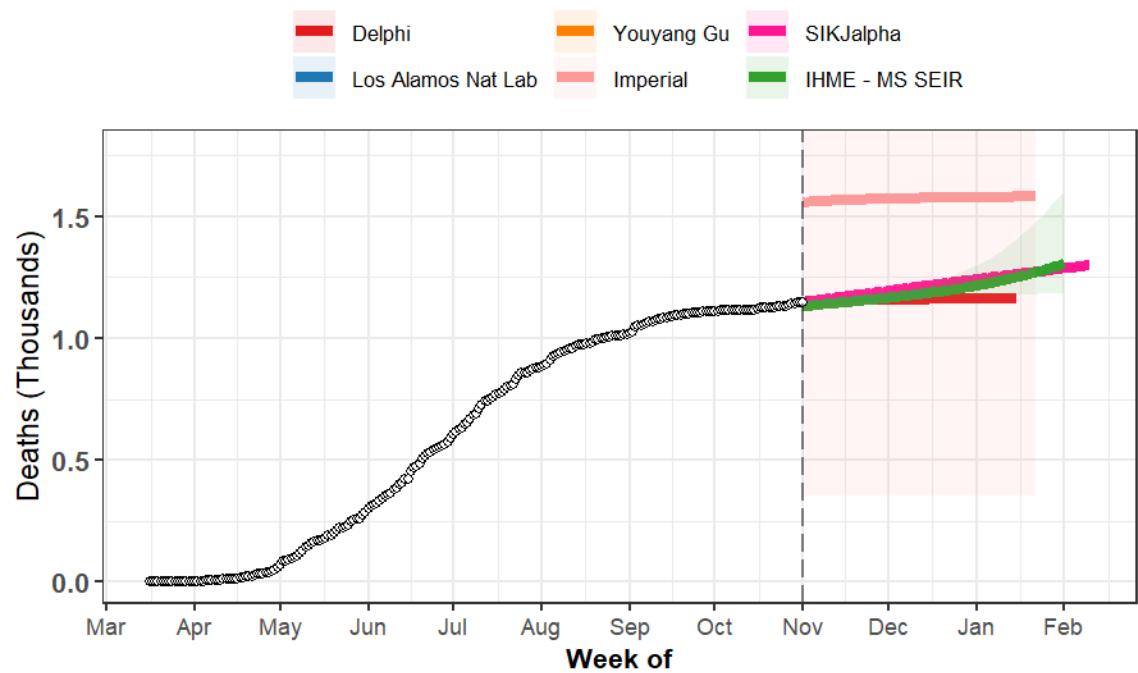


## All Cumulative Errors

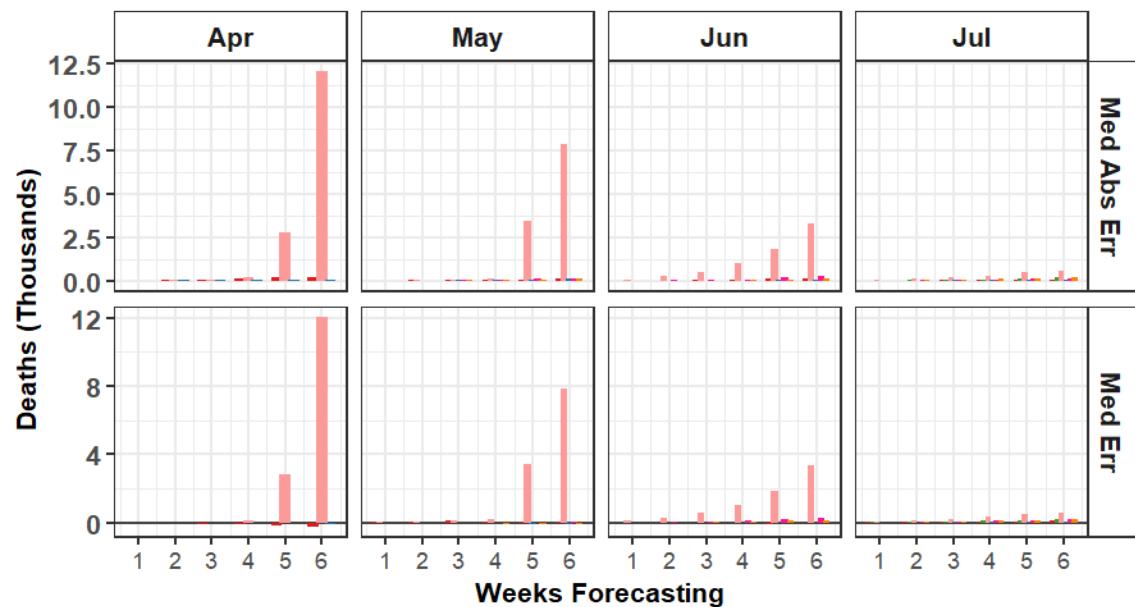


# Nigeria

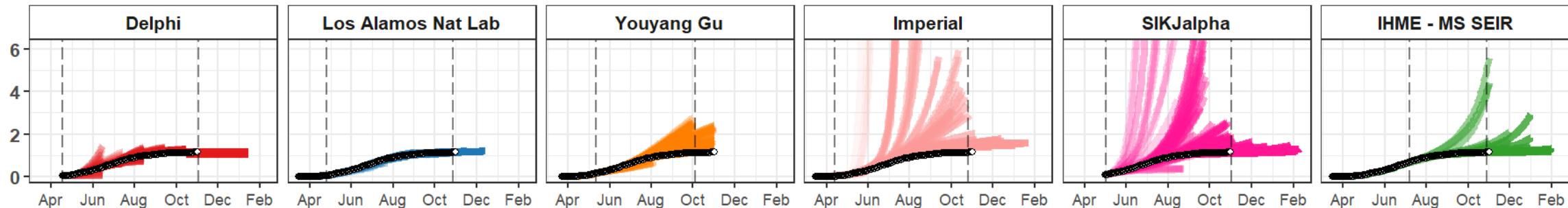
## Current Forecast



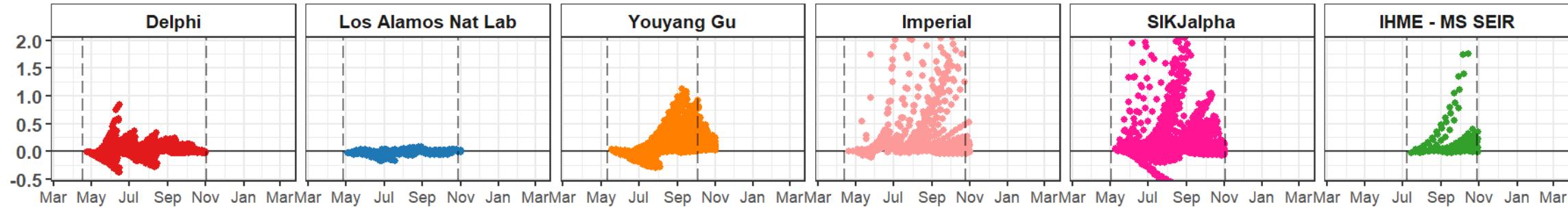
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



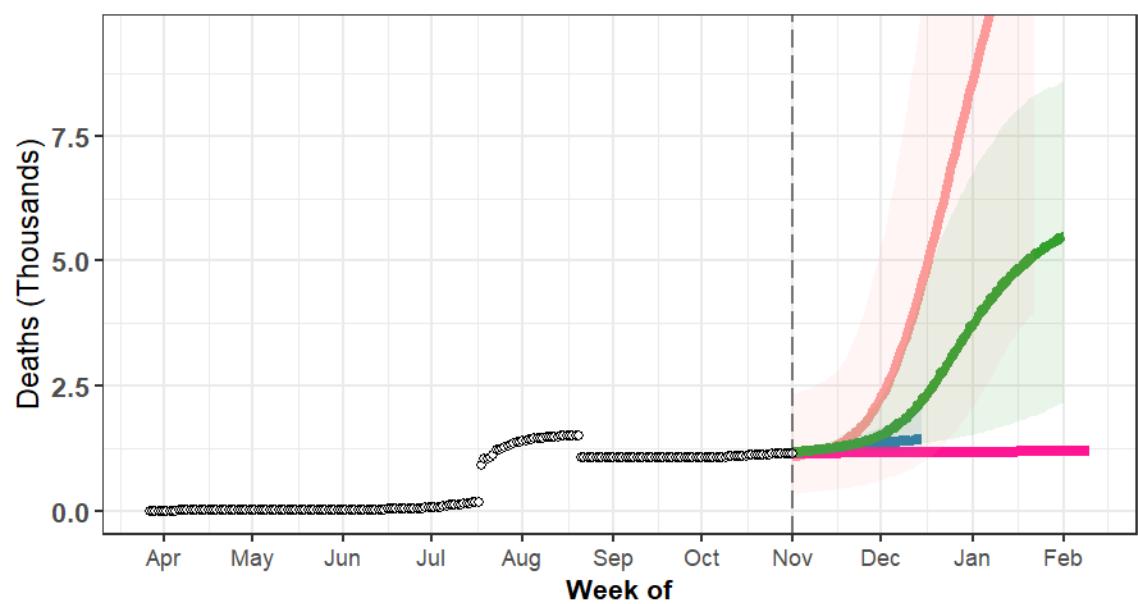
## All Cumulative Errors



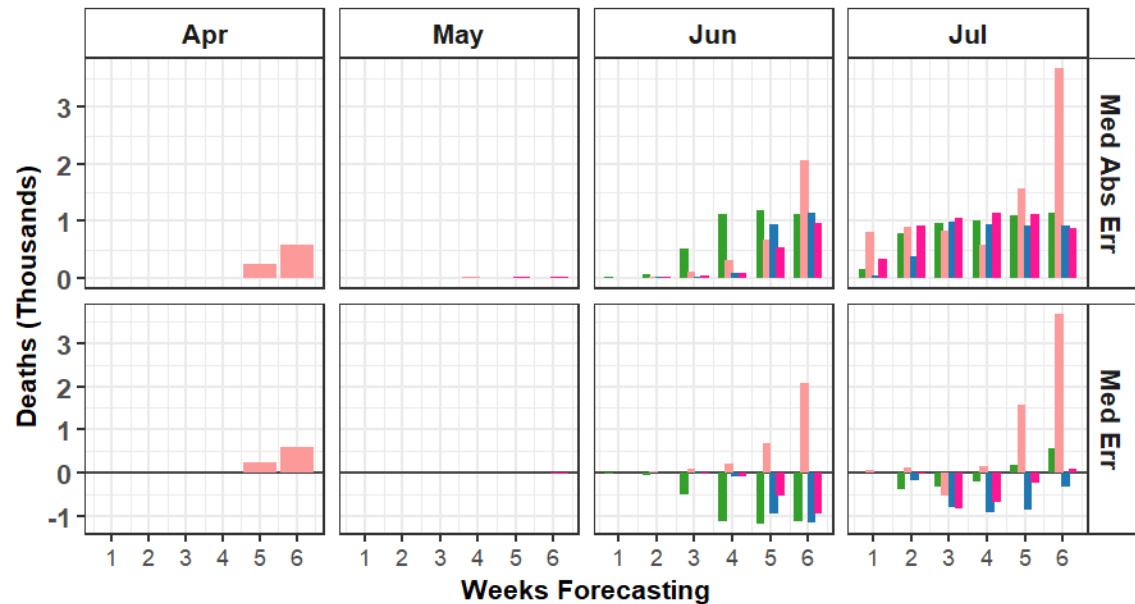
# Kyrgyzstan

## Current Forecast

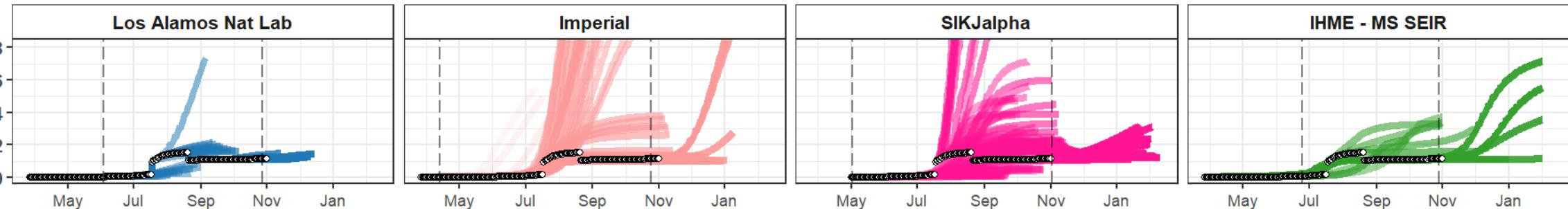
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



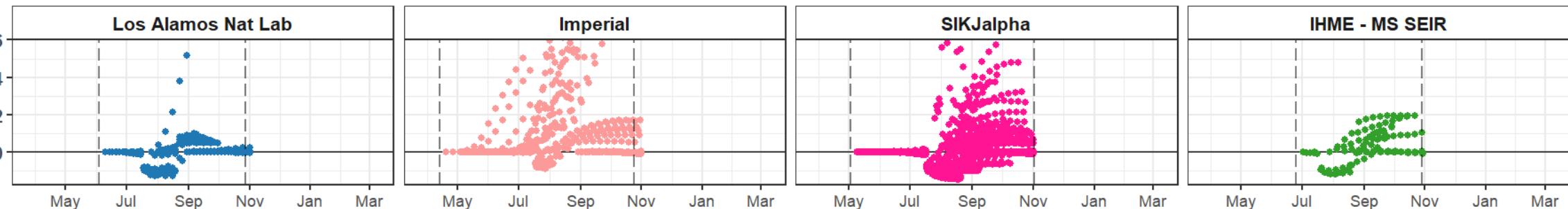
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



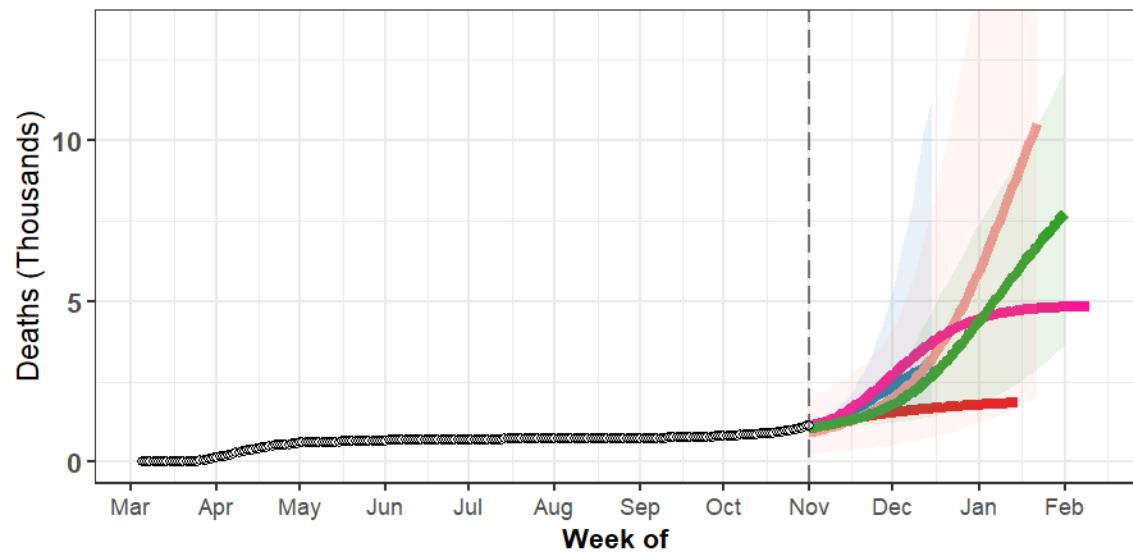
## All Cumulative Errors



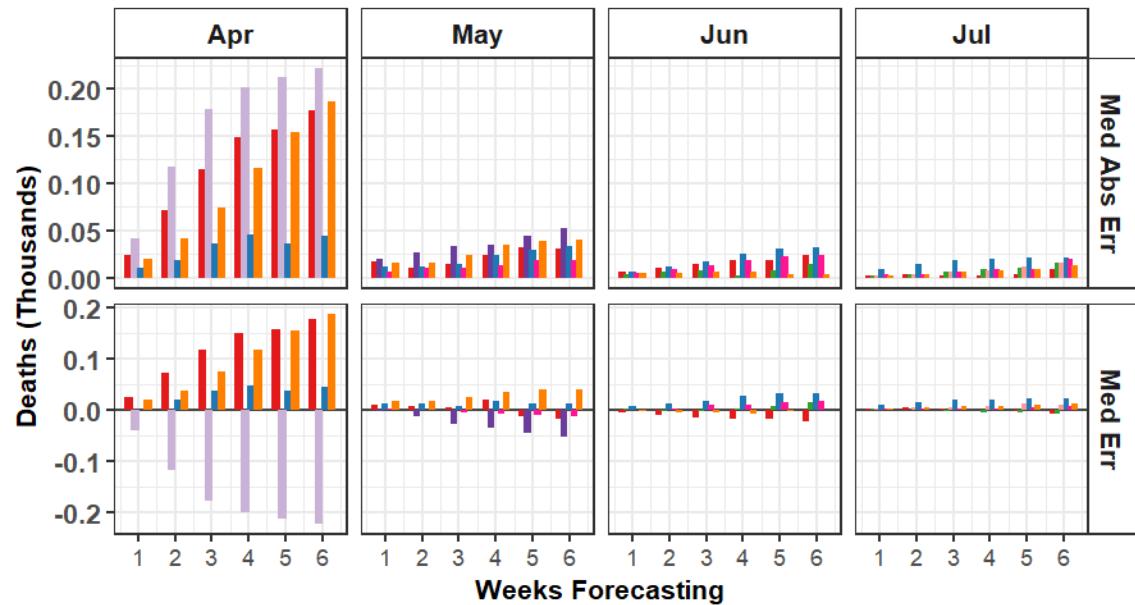
# Austria

## Current Forecast

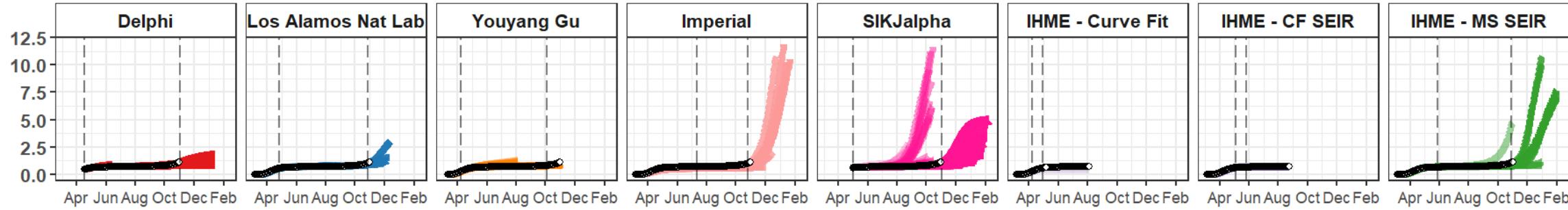
— Delphi      — Youyang Gu      — SIKJalpha  
— Los Alamos Nat Lab      — Imperial      — IHME - MS SEIR



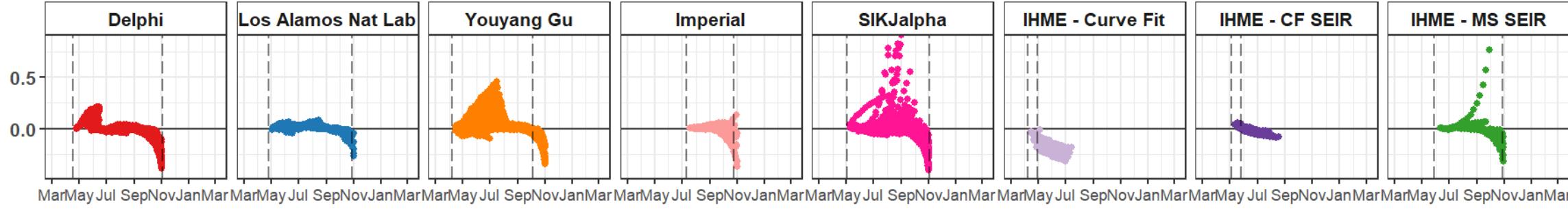
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

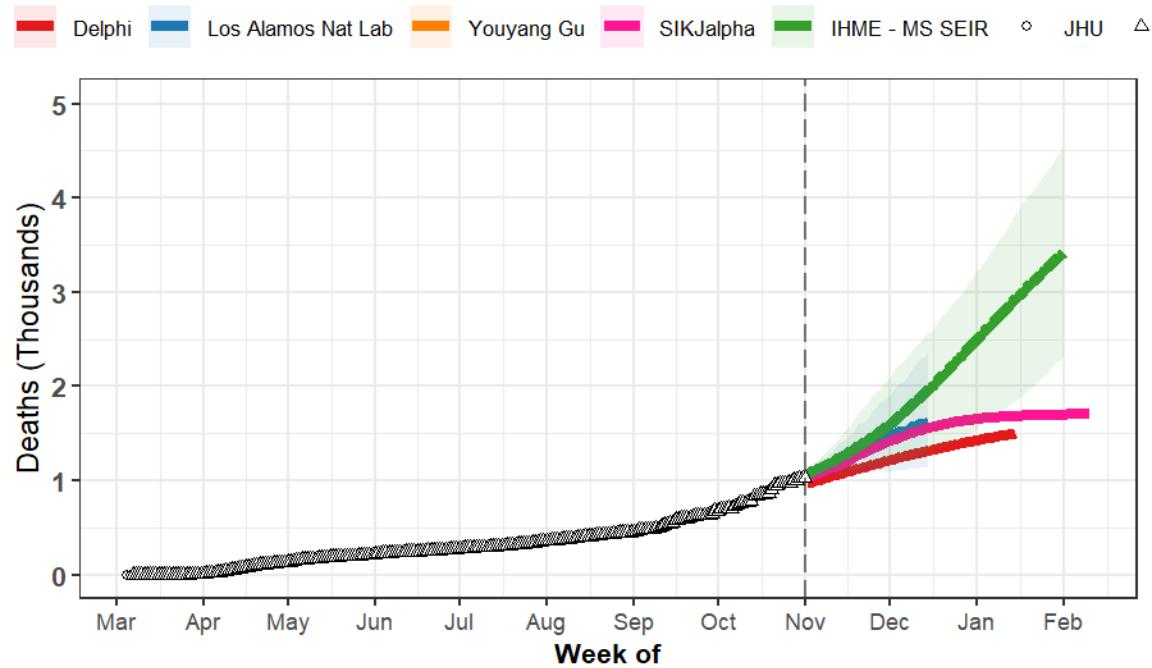


## All Cumulative Errors

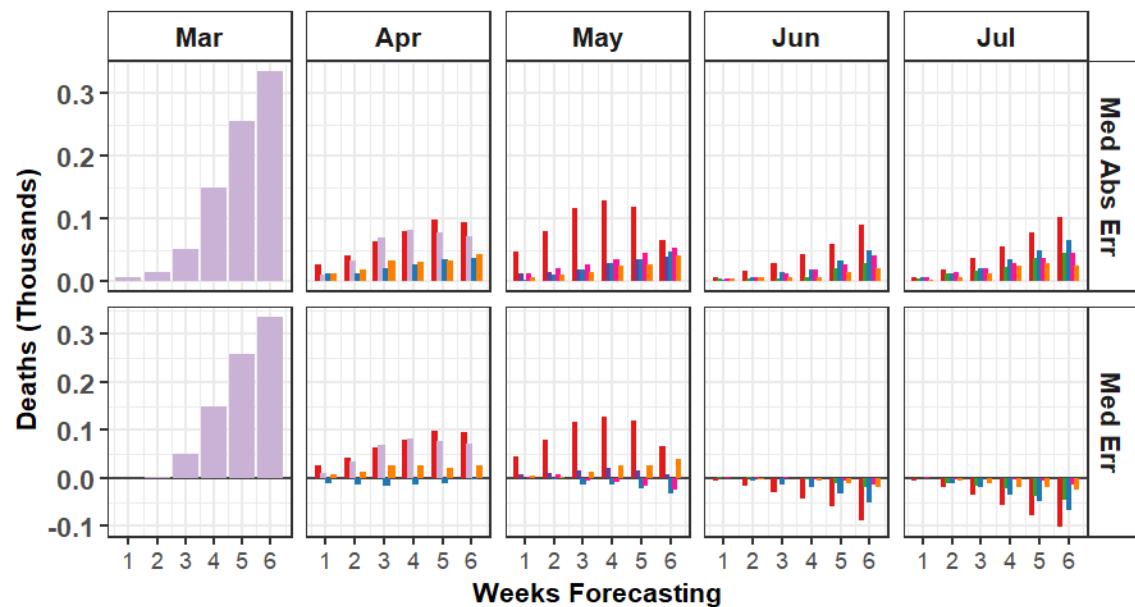


# Kansas

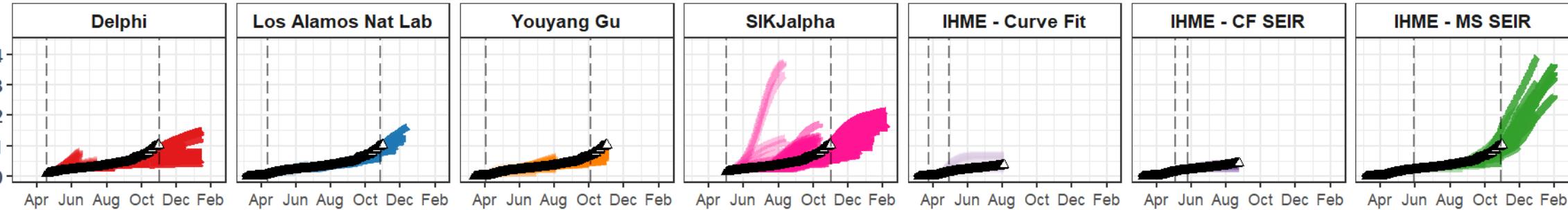
## Current Forecast



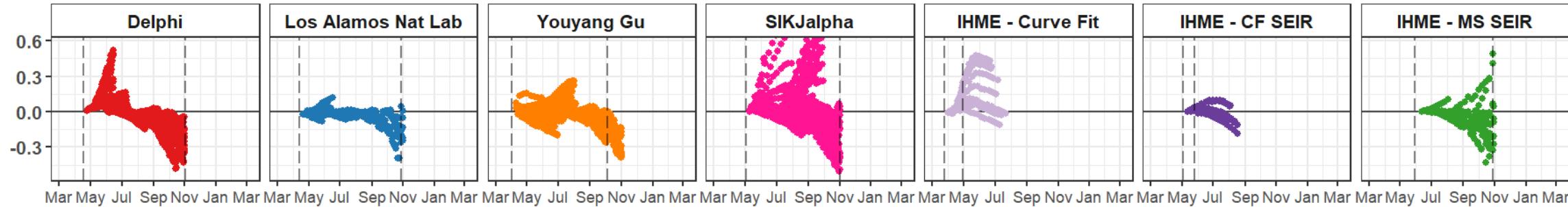
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

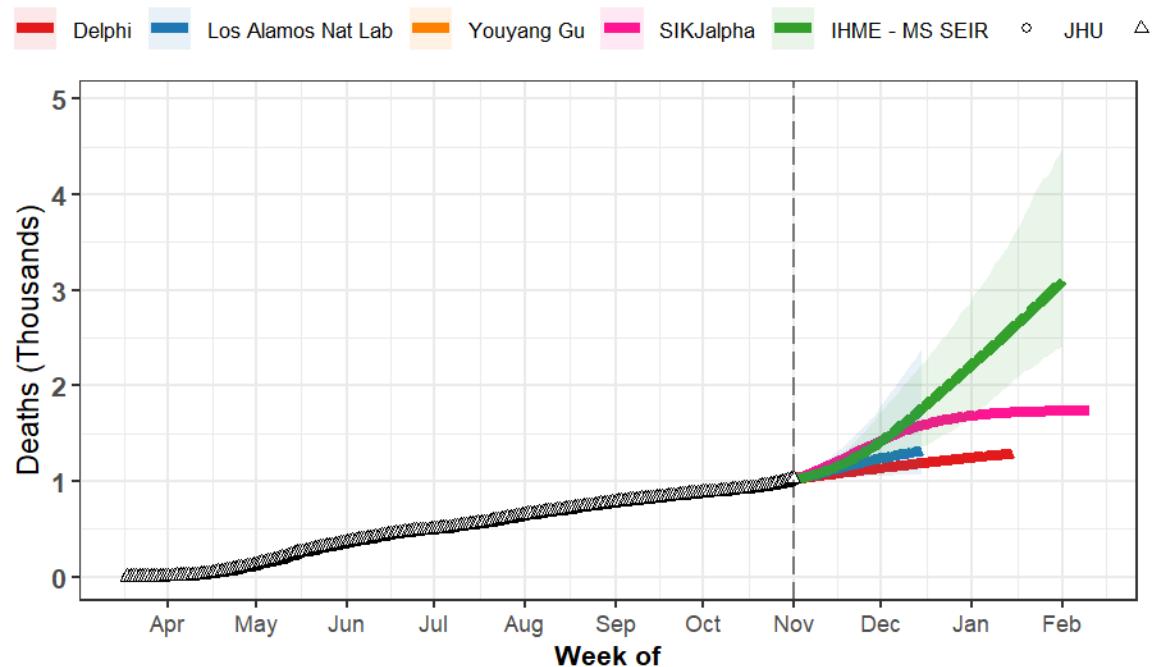


## All Cumulative Errors

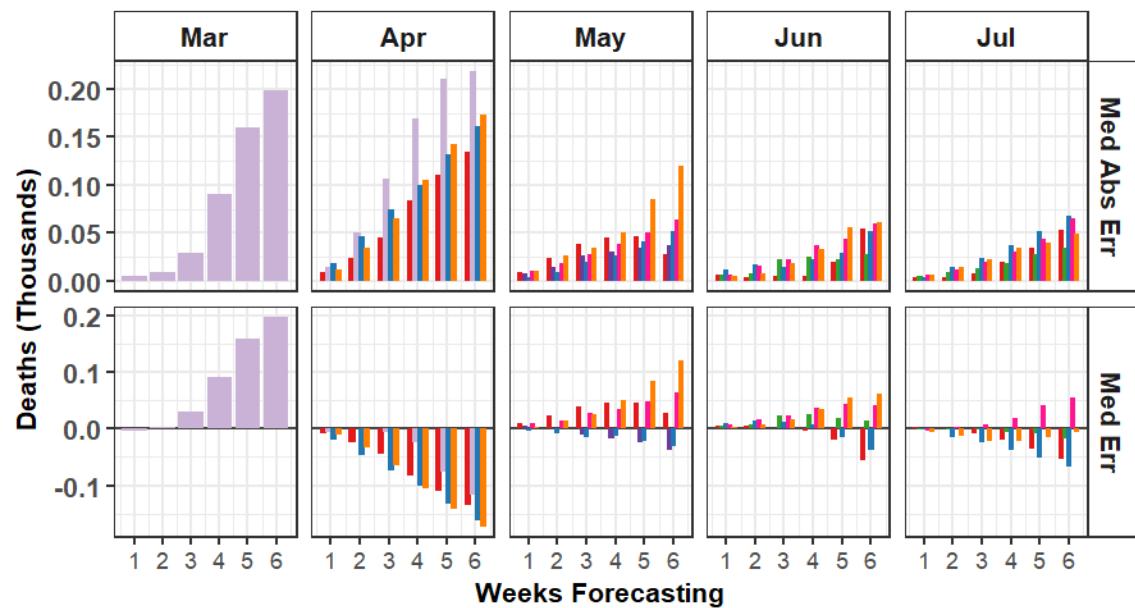


# New Mexico

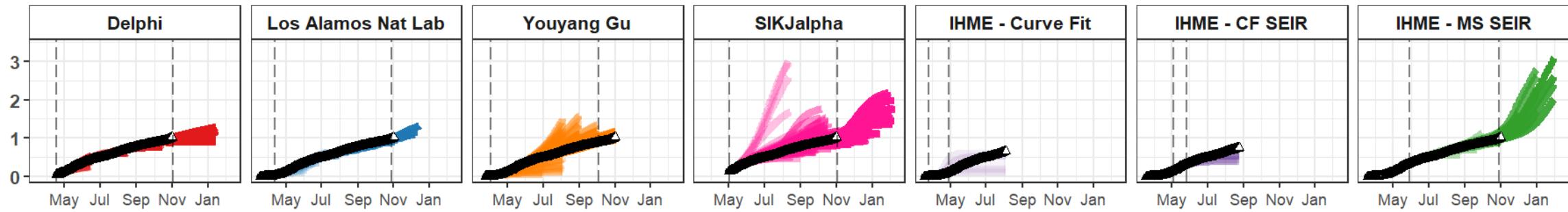
## Current Forecast



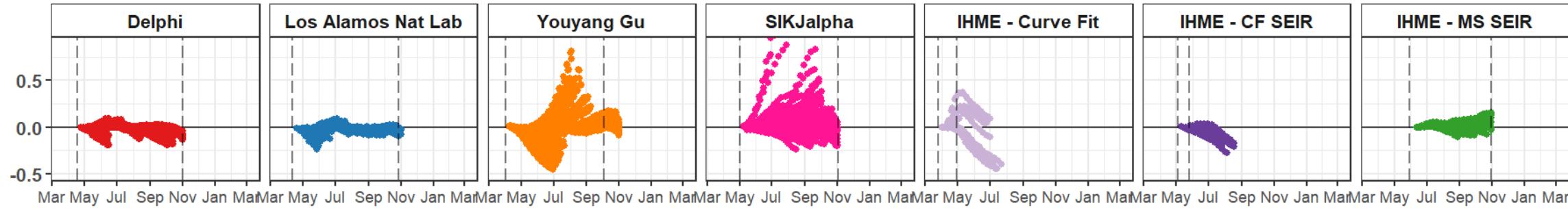
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



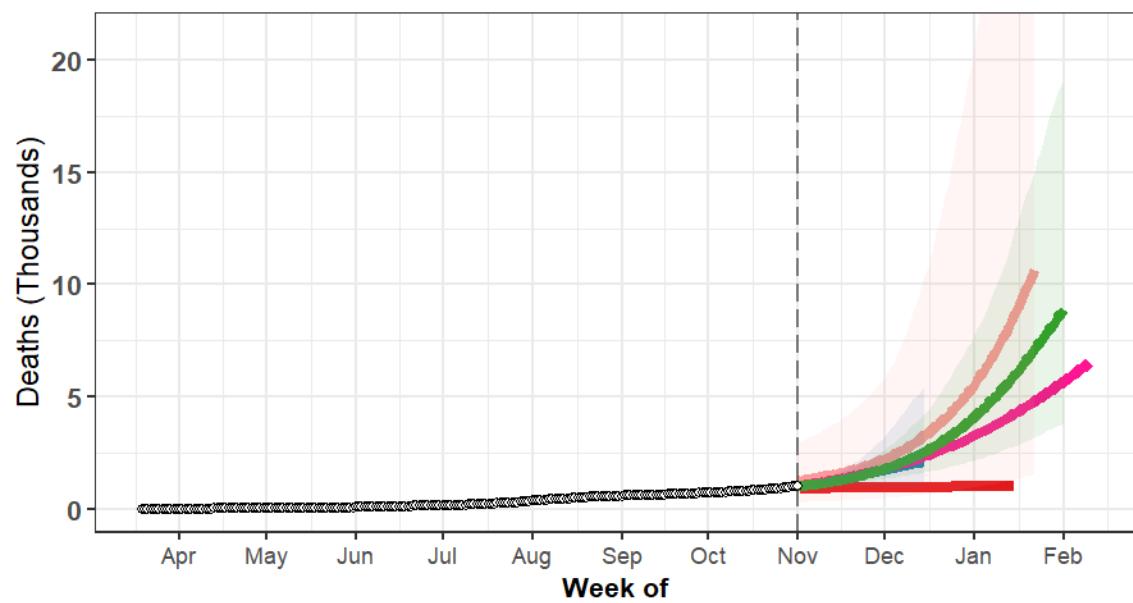
## All Cumulative Errors



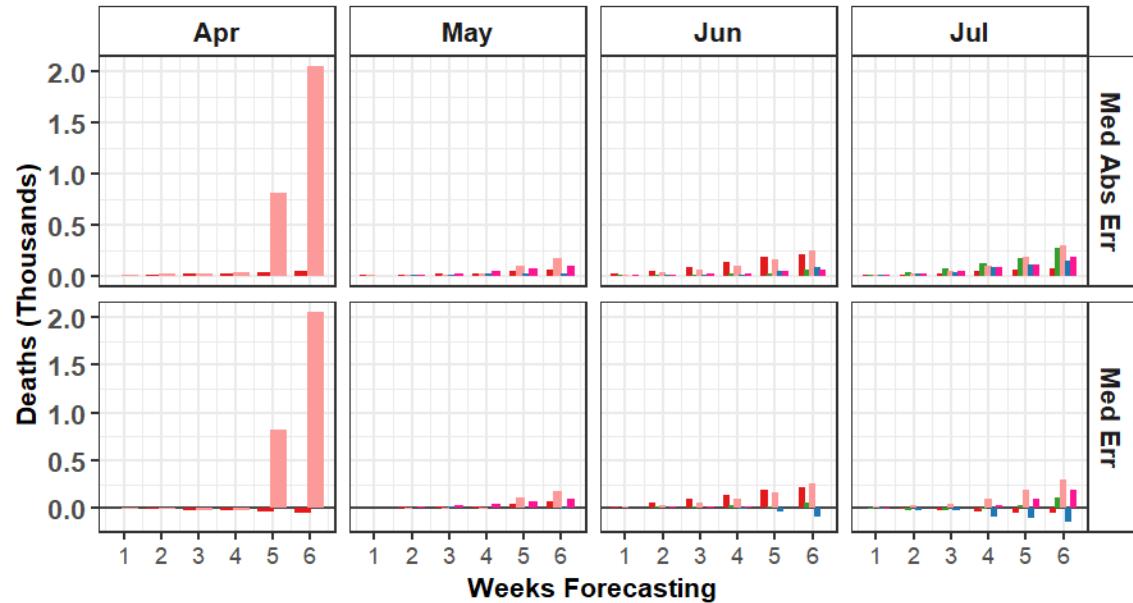
# Kenya

## Current Forecast

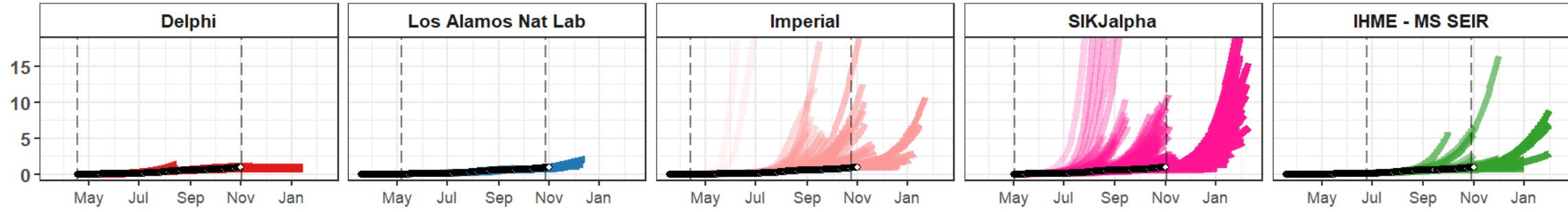
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



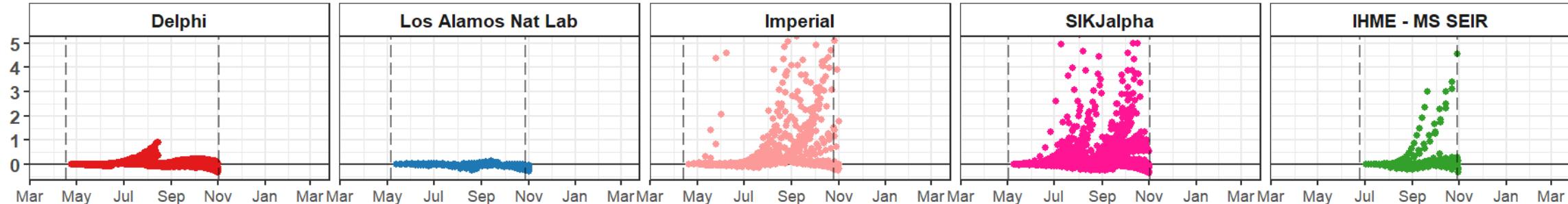
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



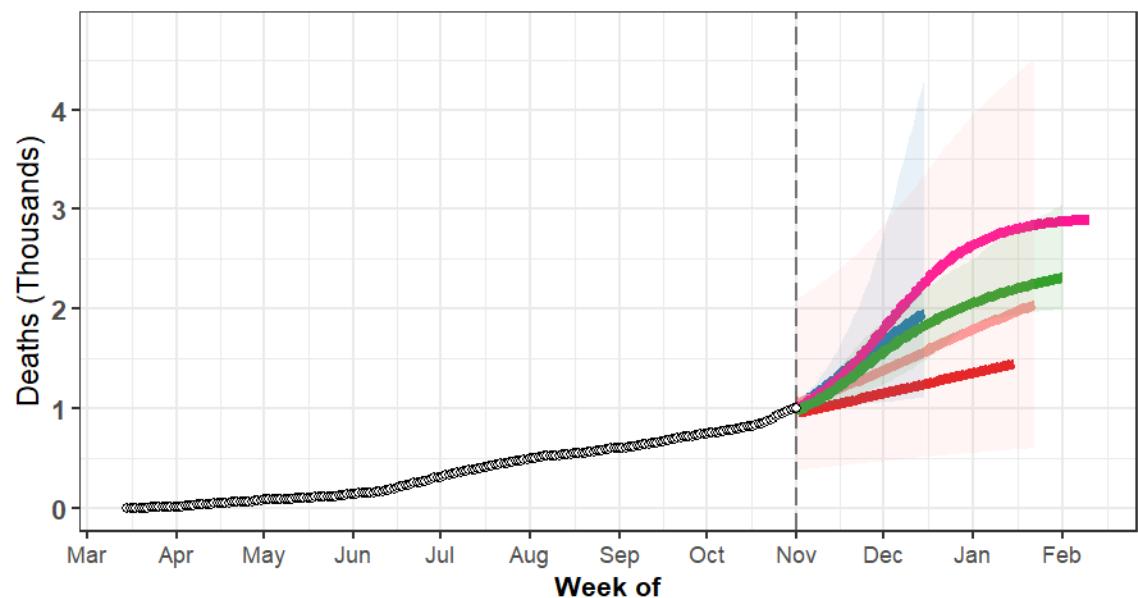
## All Cumulative Errors



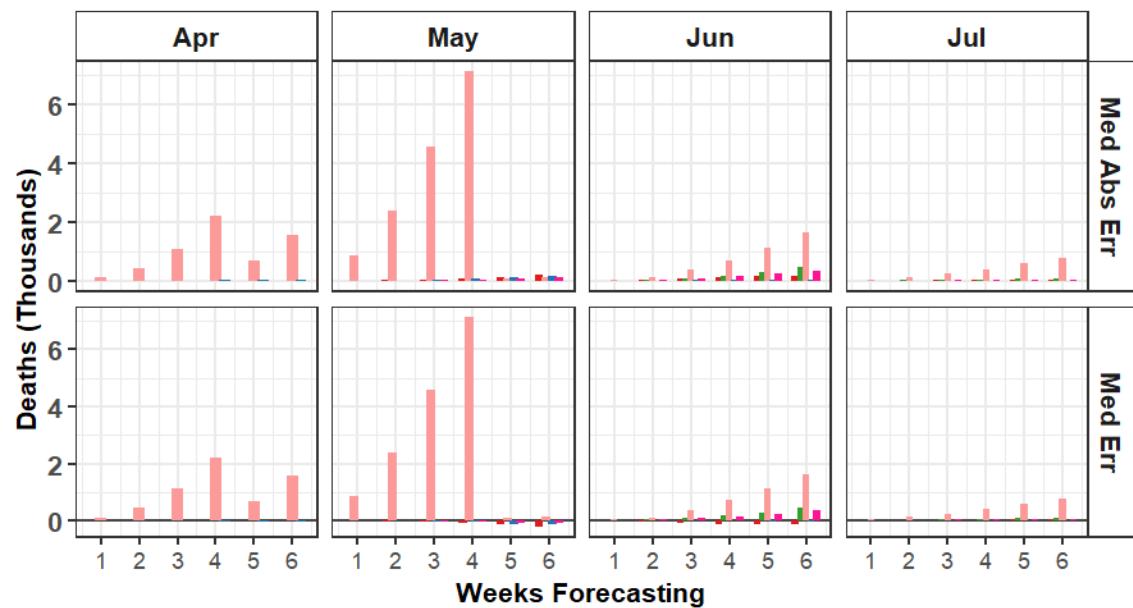
# Macedonia

## Current Forecast

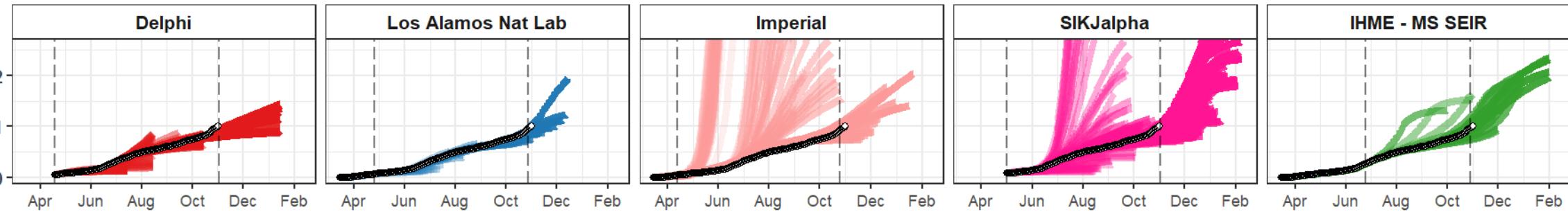
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



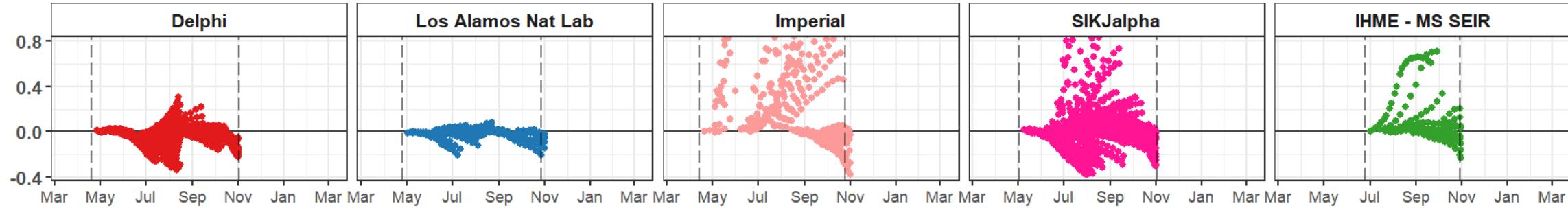
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

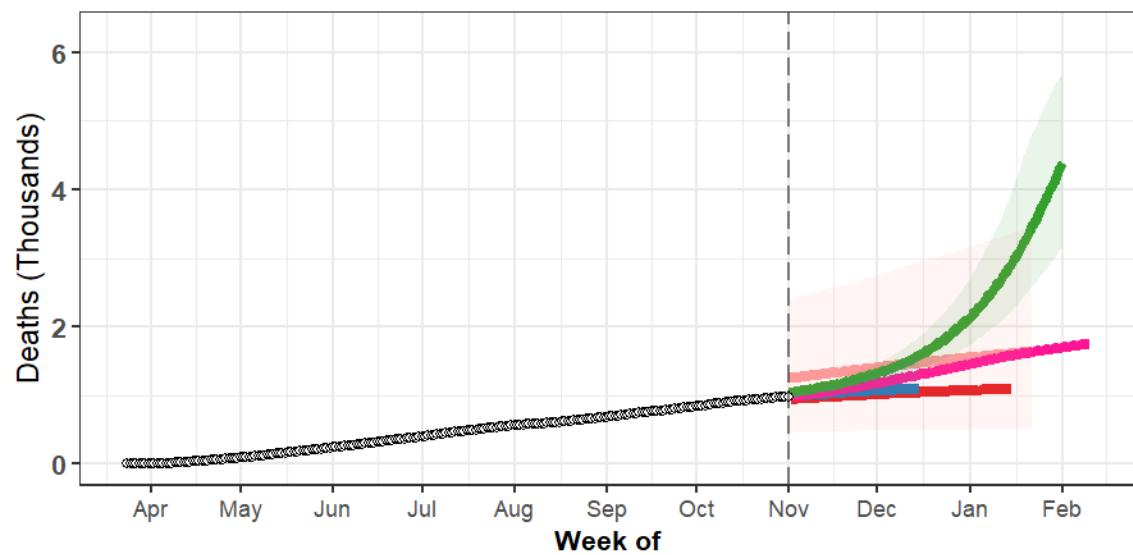


## All Cumulative Errors

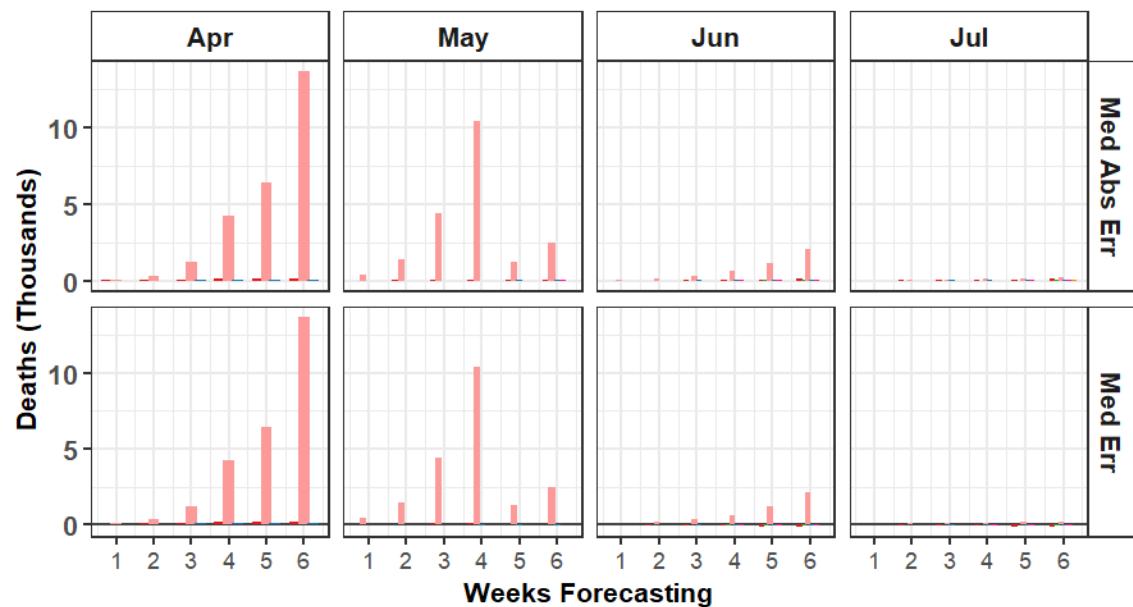


# Belarus

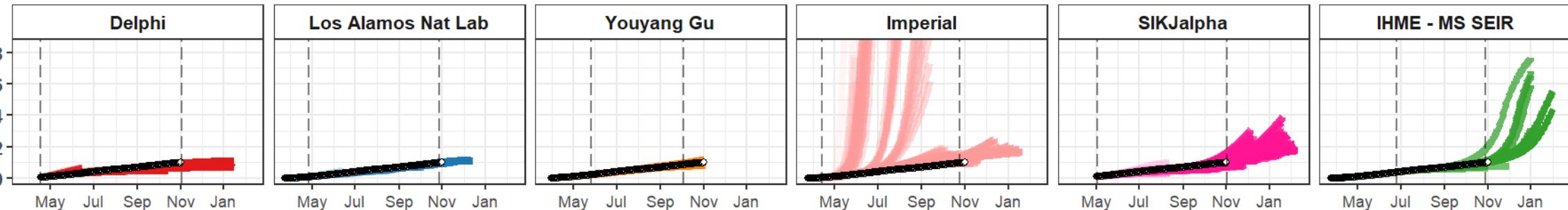
## Current Forecast



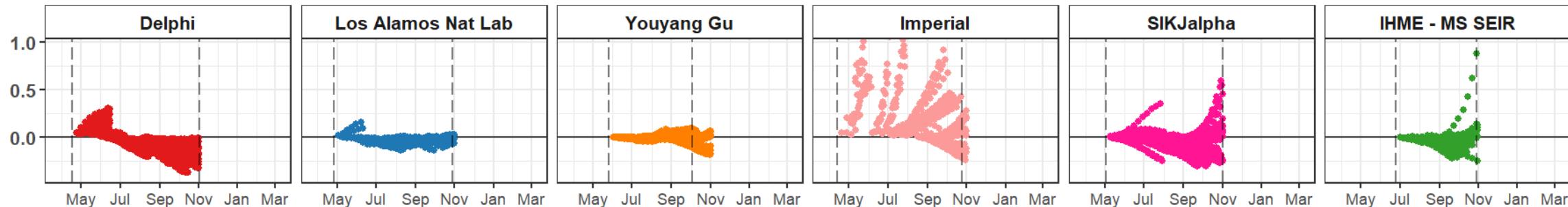
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



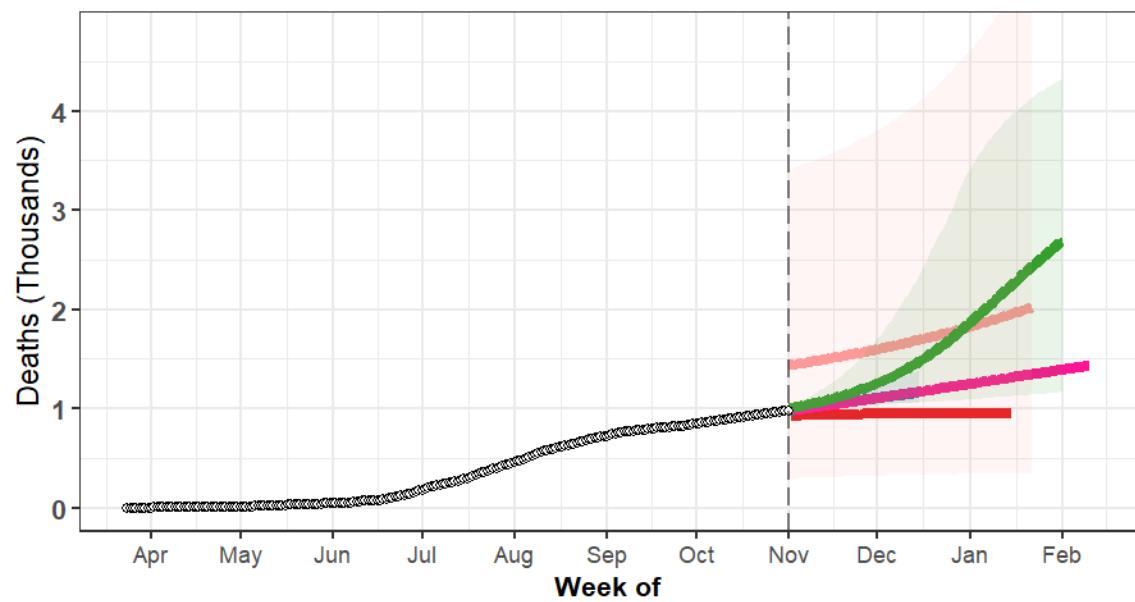
## All Cumulative Errors



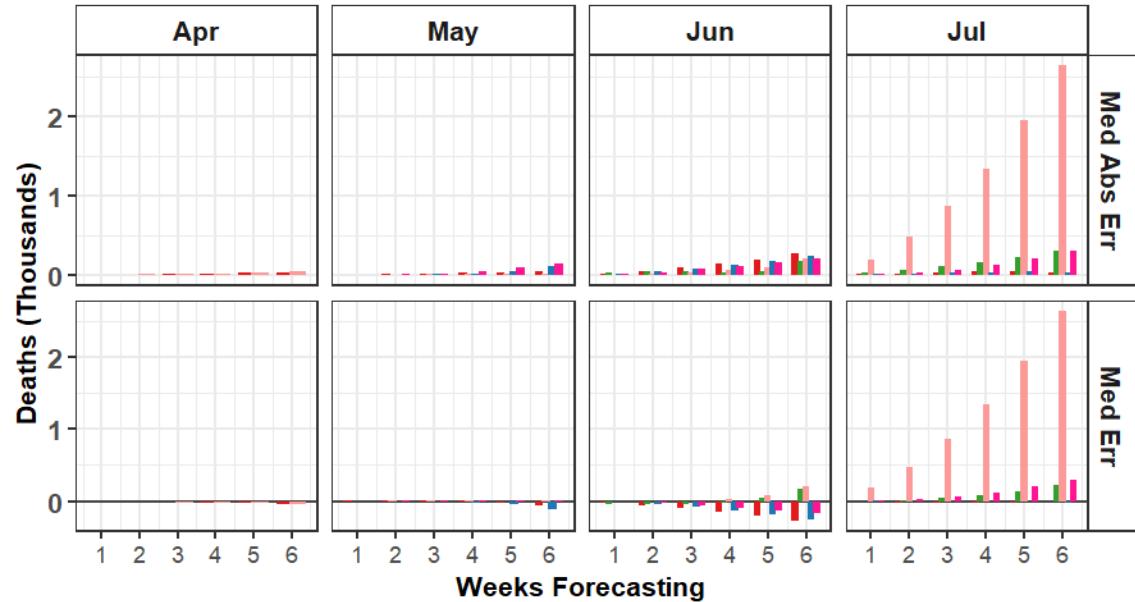
# El Salvador

## Current Forecast

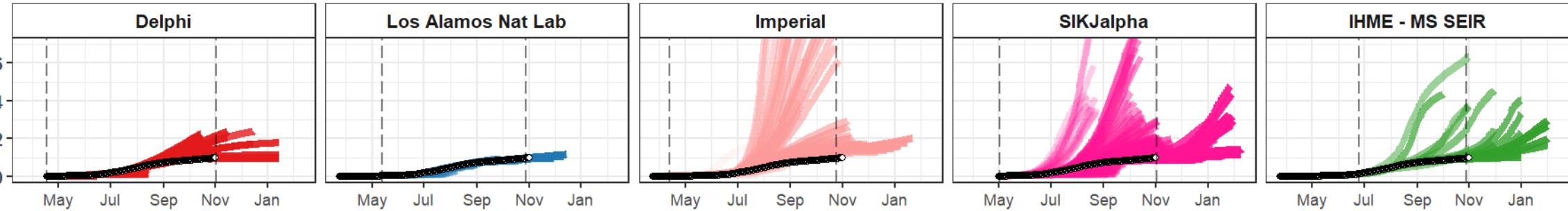
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



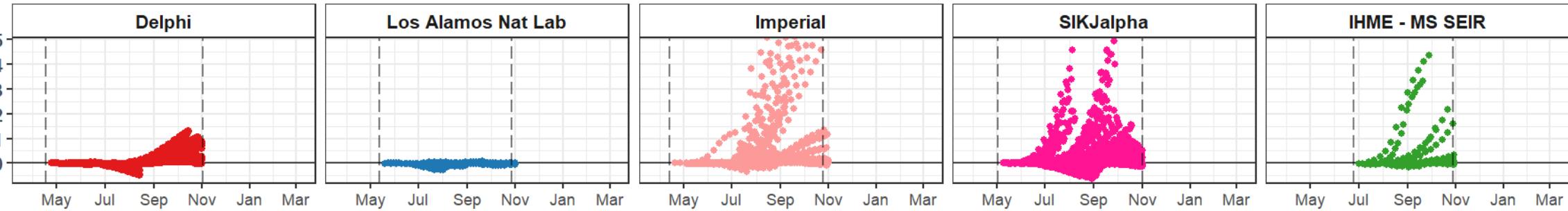
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



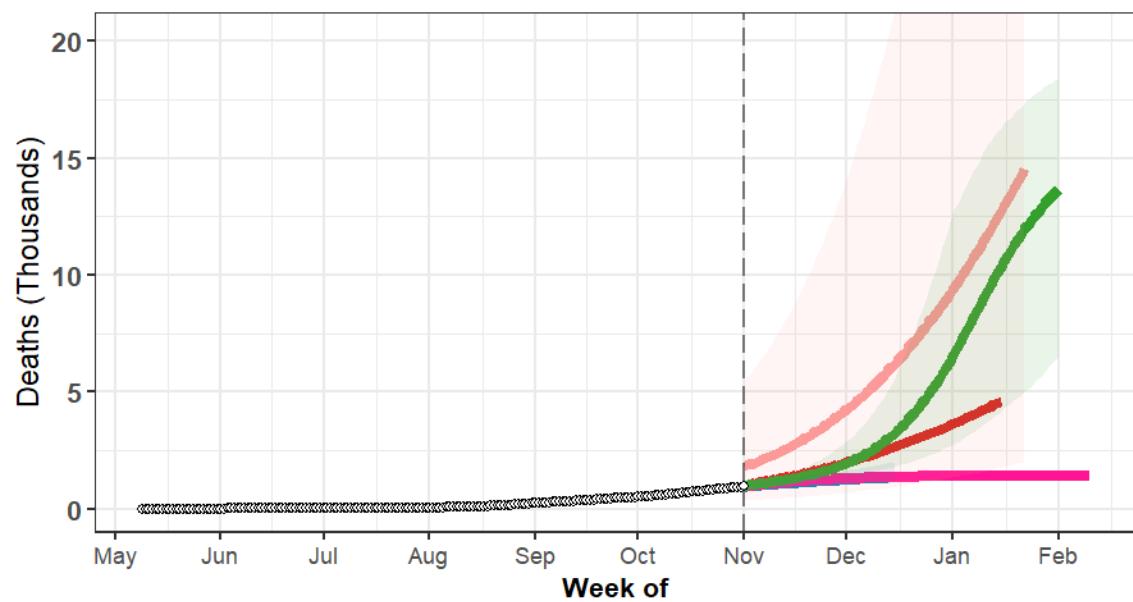
## All Cumulative Errors



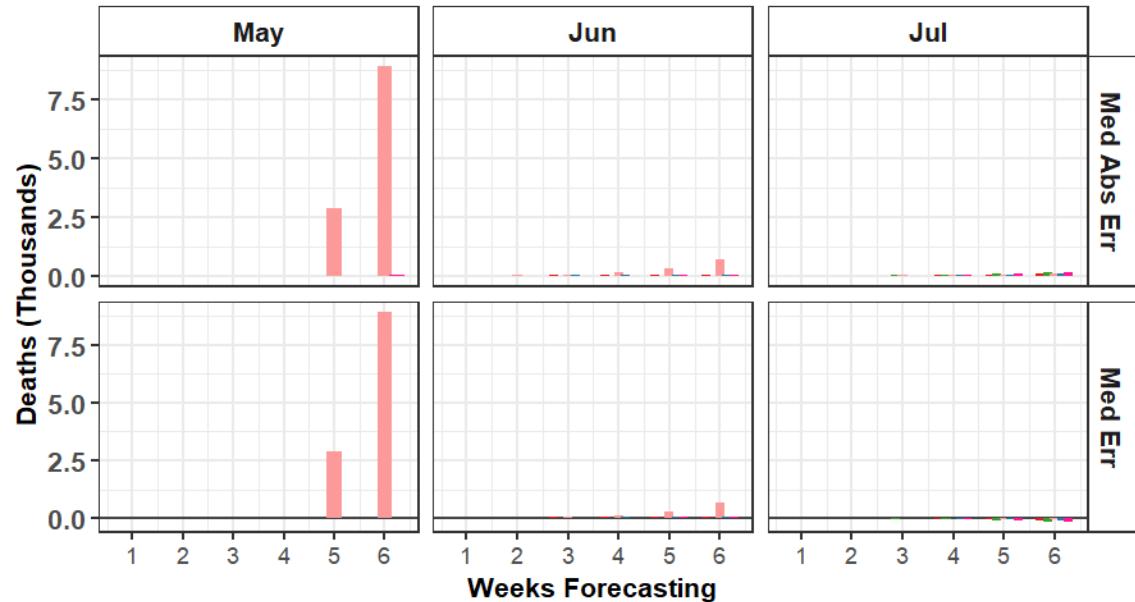
# Nepal

## Current Forecast

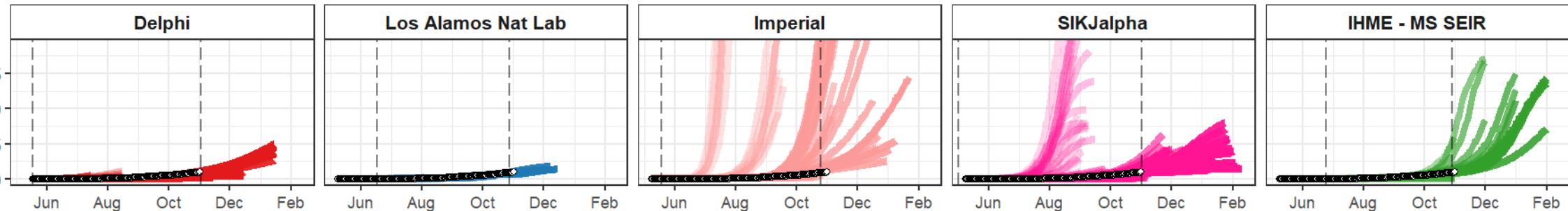
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



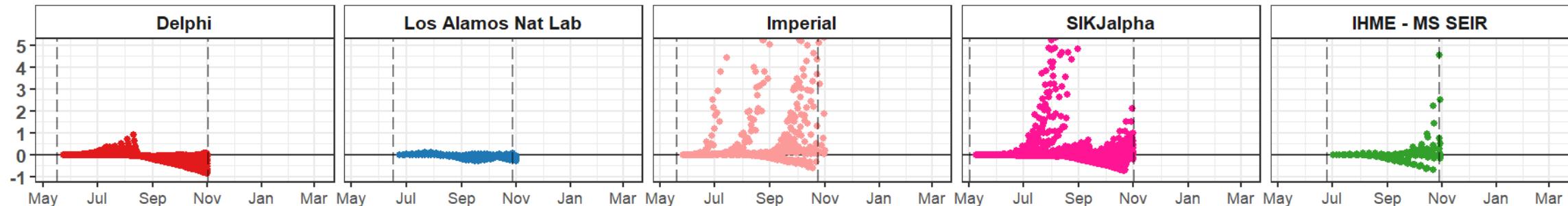
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

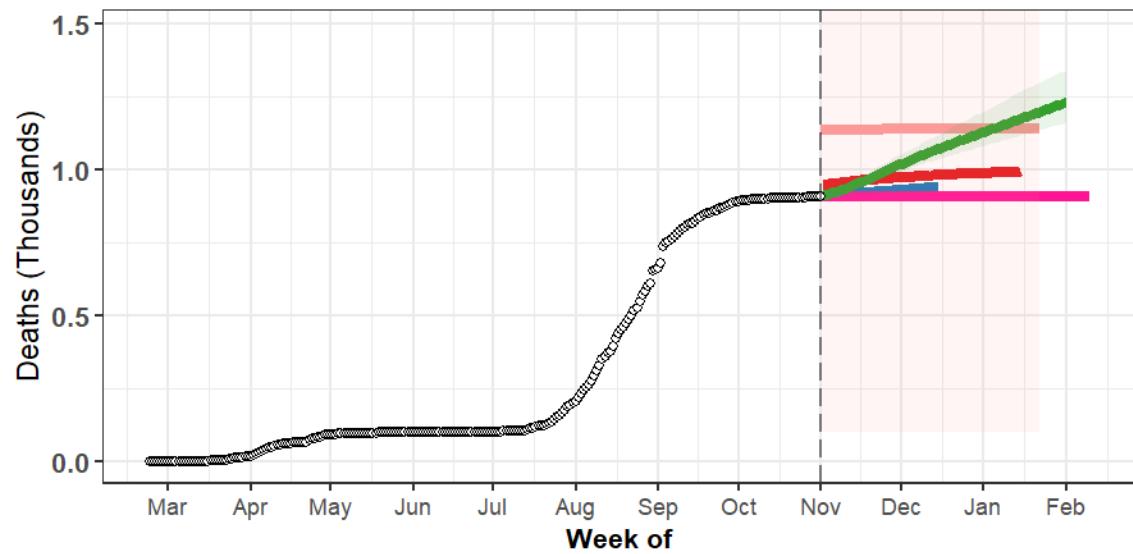


## All Cumulative Errors

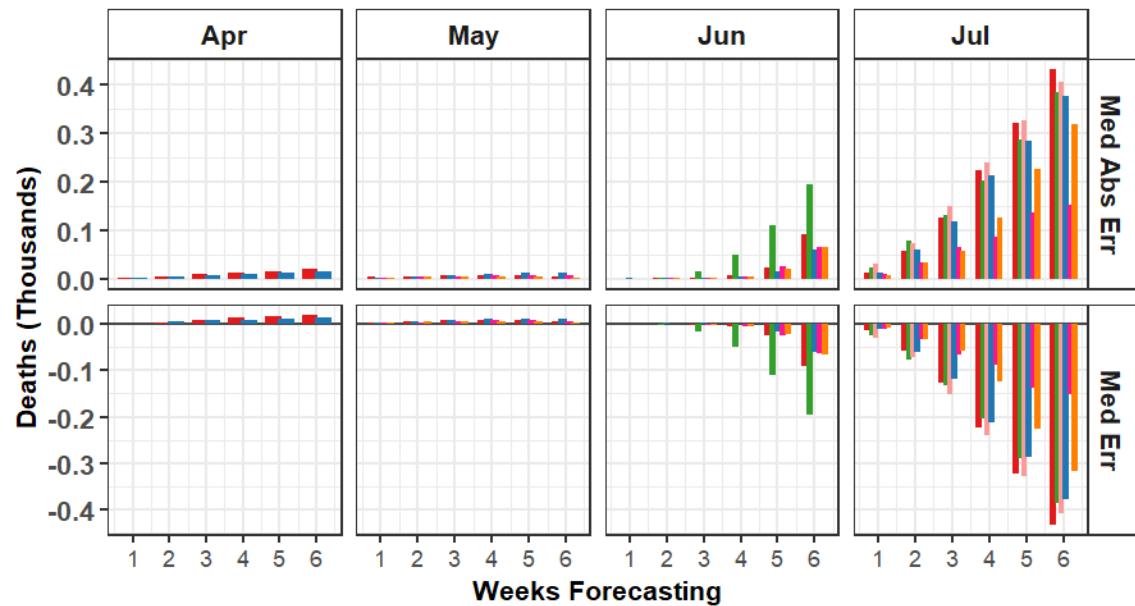


# Australia

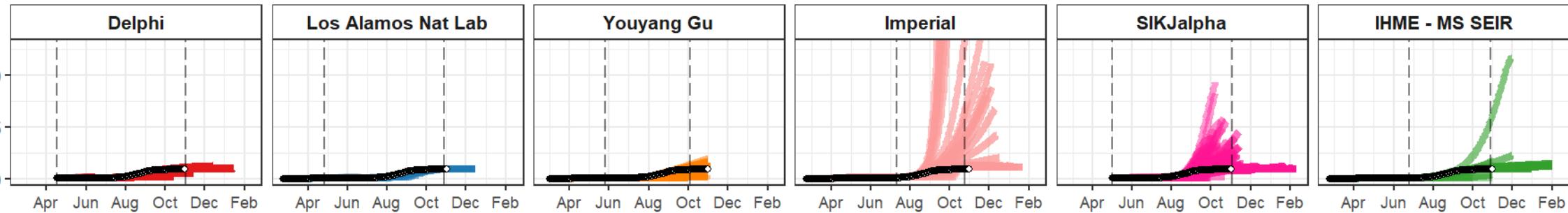
## Current Forecast



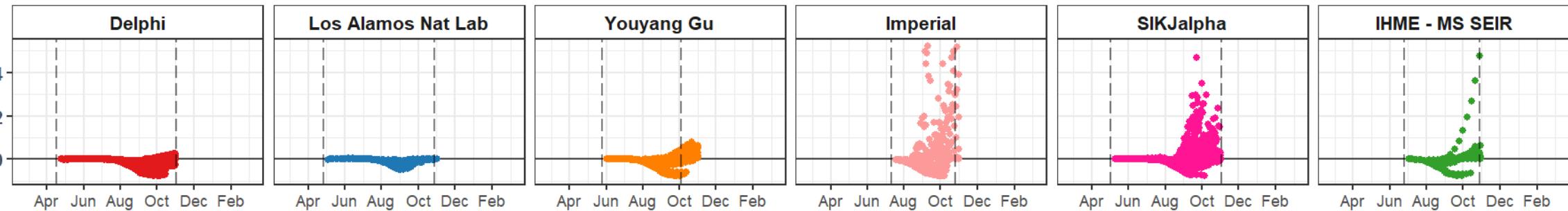
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



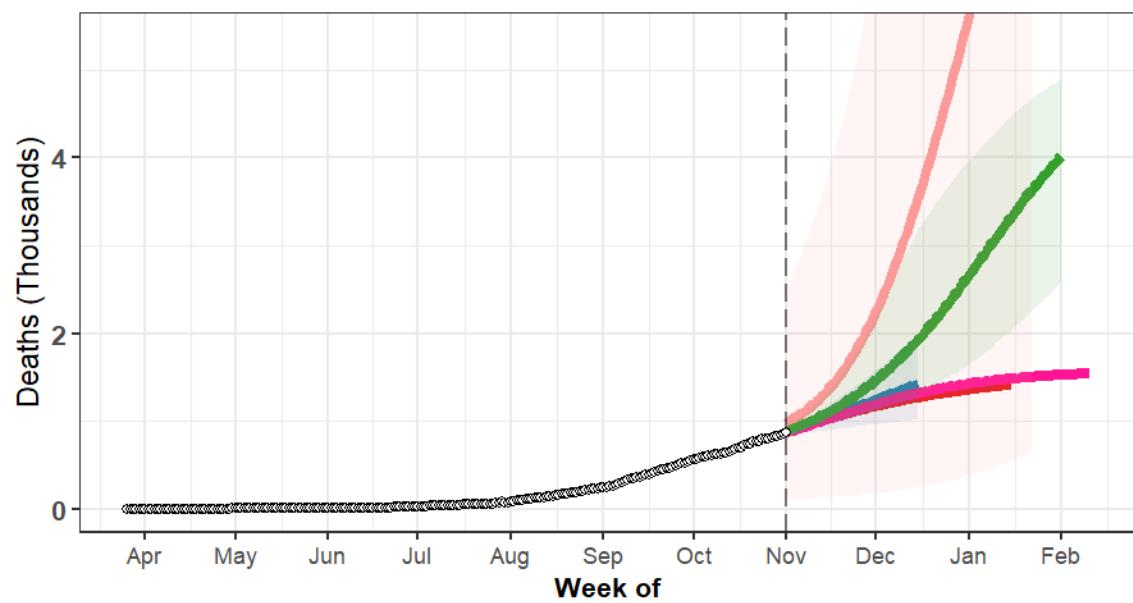
## All Cumulative Errors



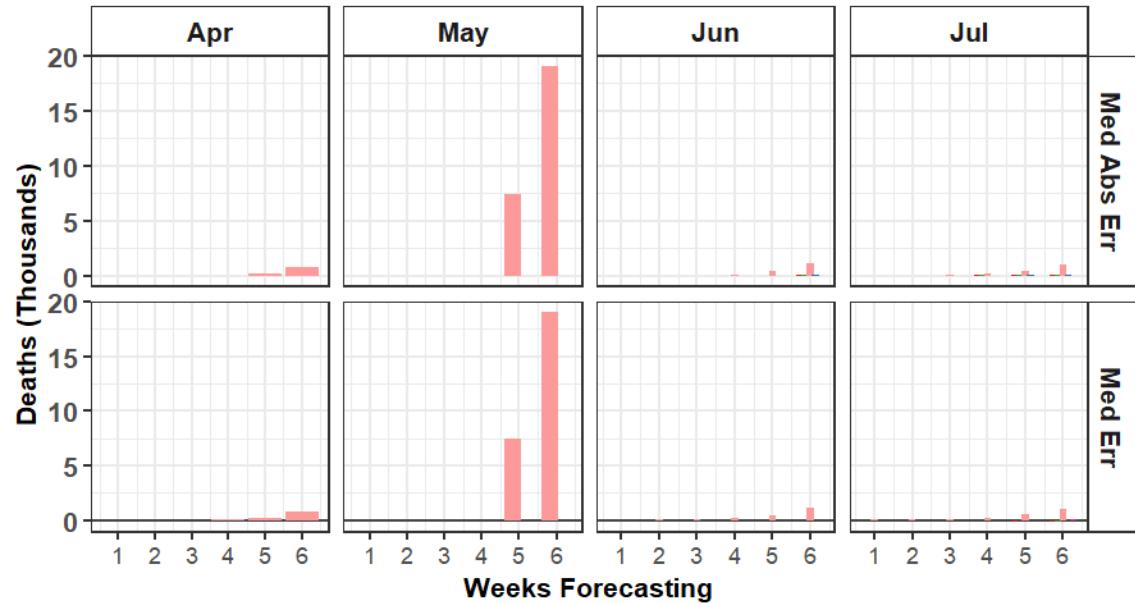
# Libya

## Current Forecast

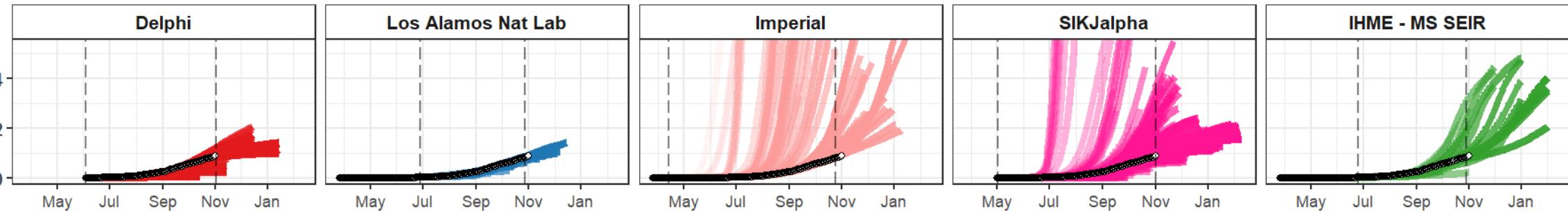
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



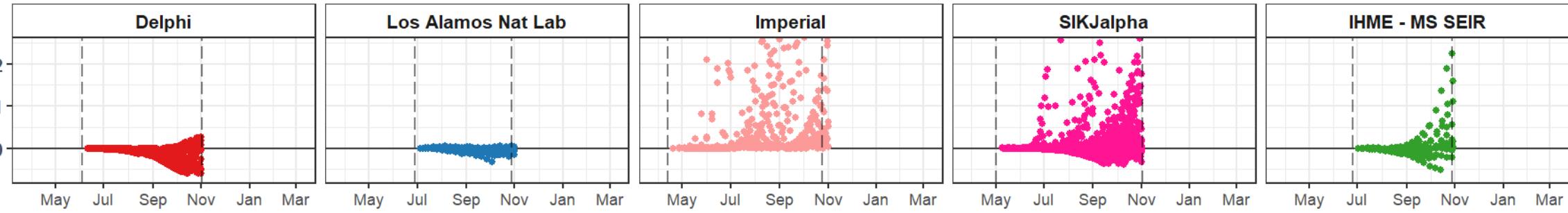
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



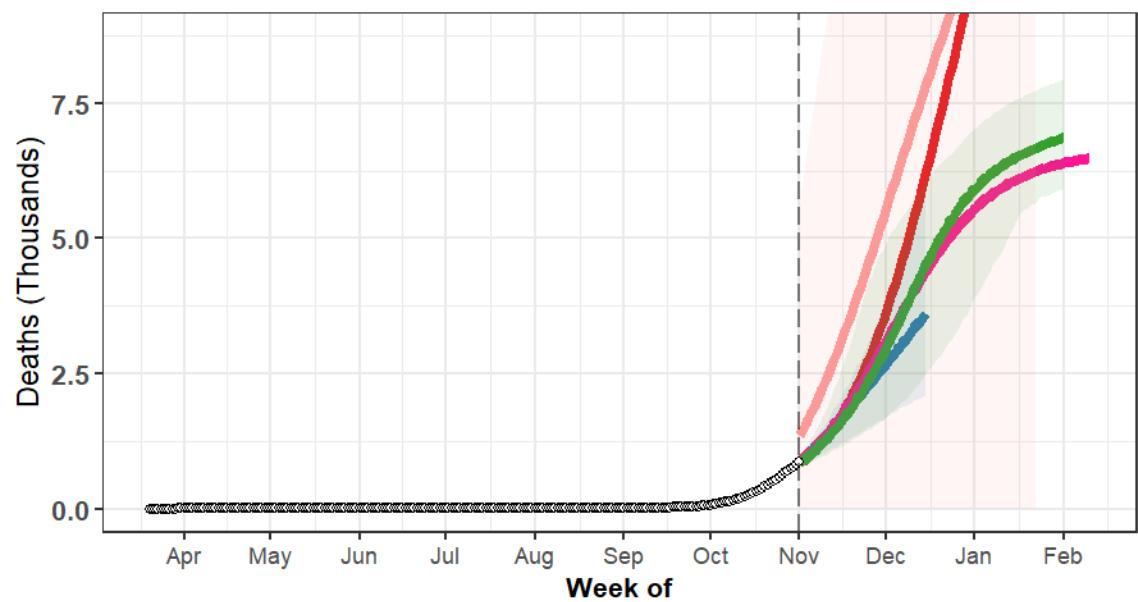
## All Cumulative Errors



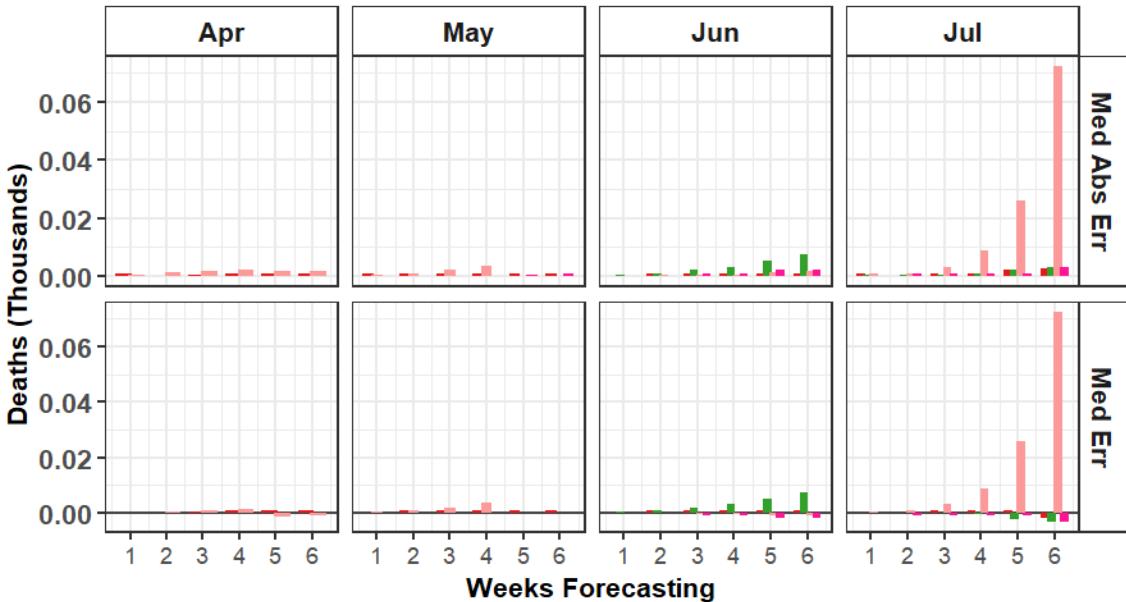
# Jordan

## Current Forecast

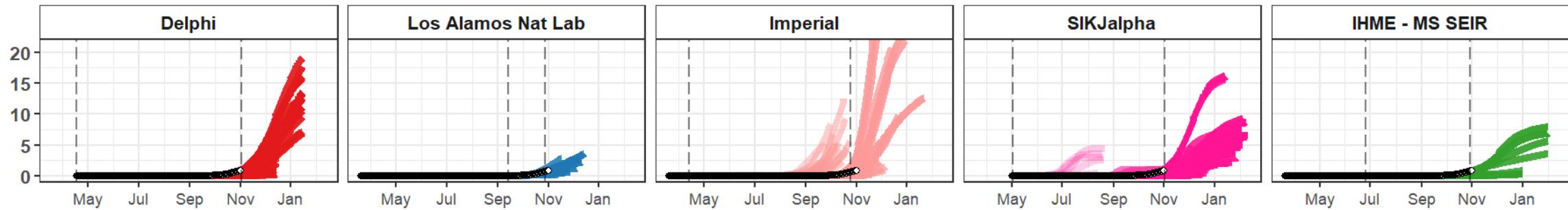
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



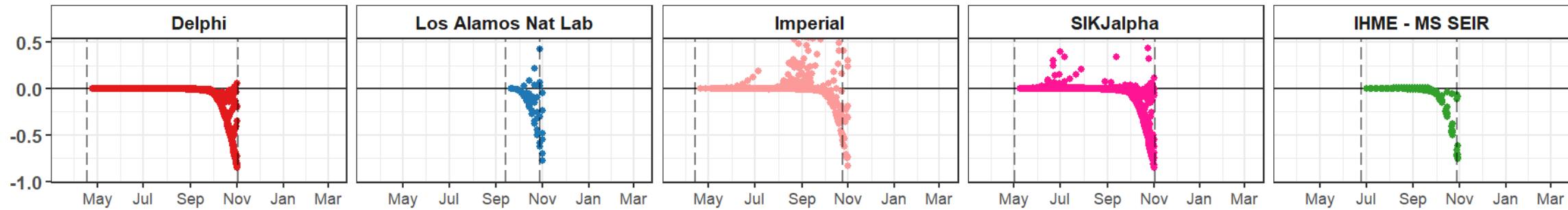
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



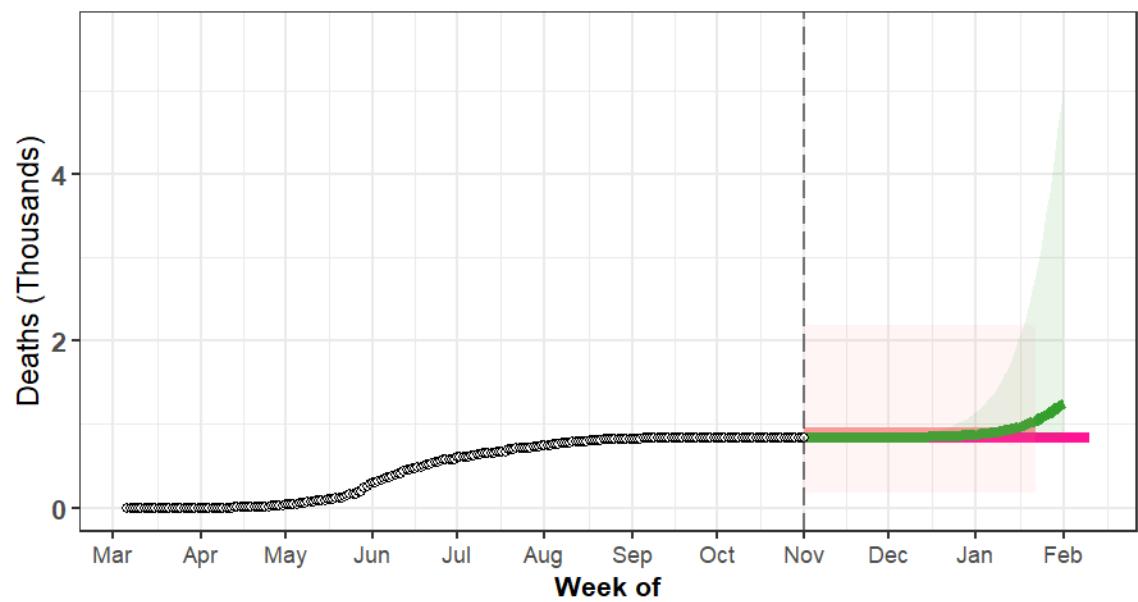
## All Cumulative Errors



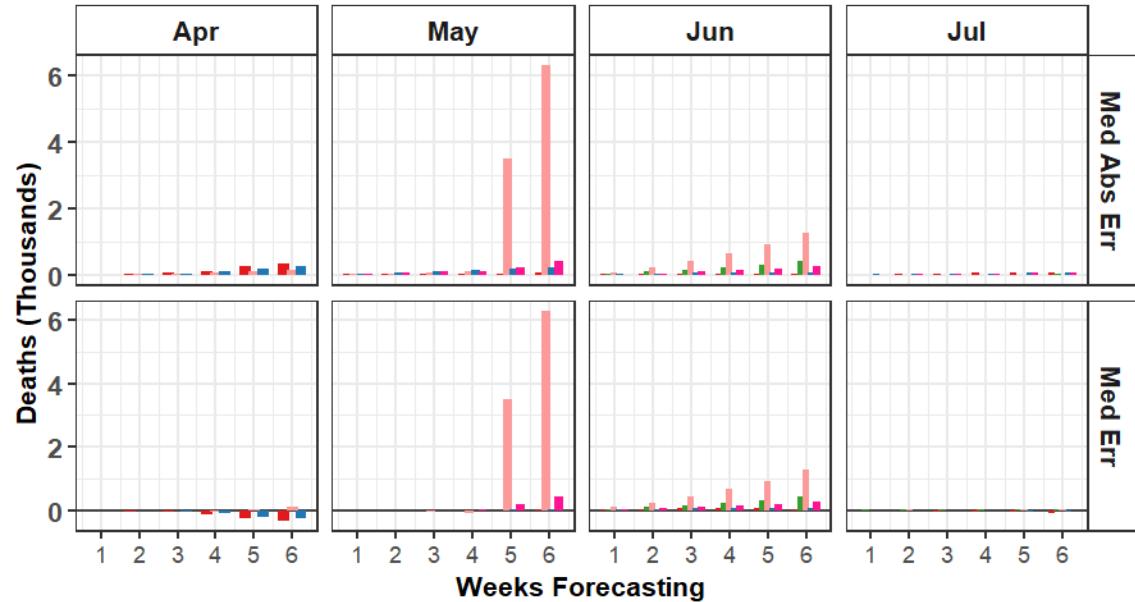
# Sudan

## Current Forecast

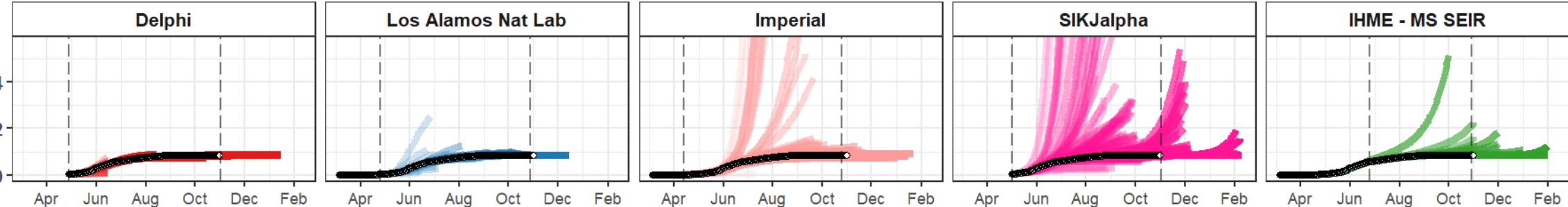
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



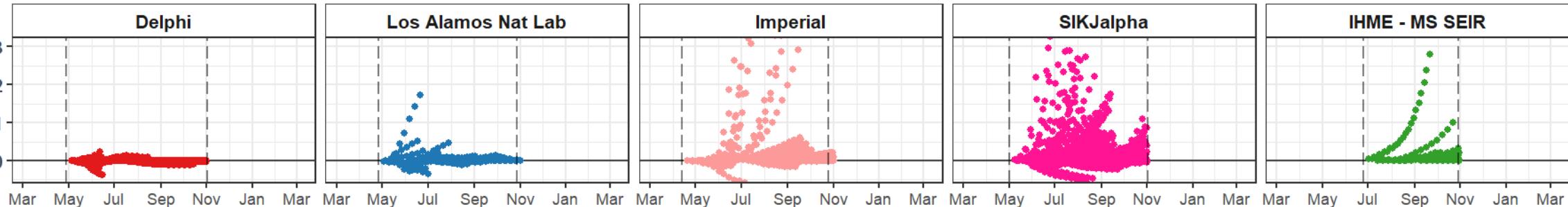
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



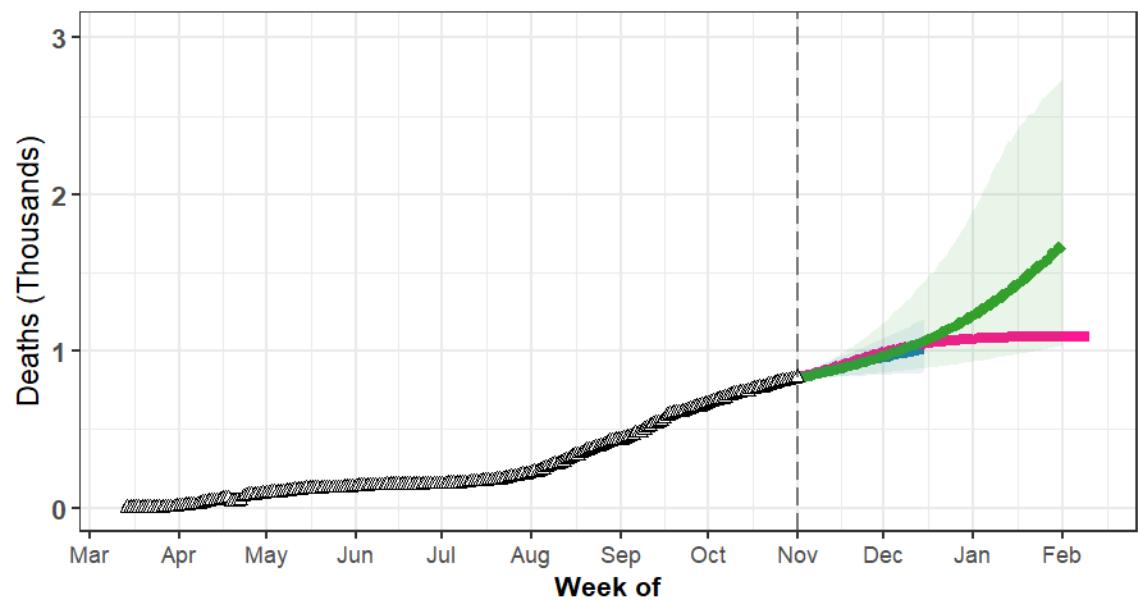
## All Cumulative Errors



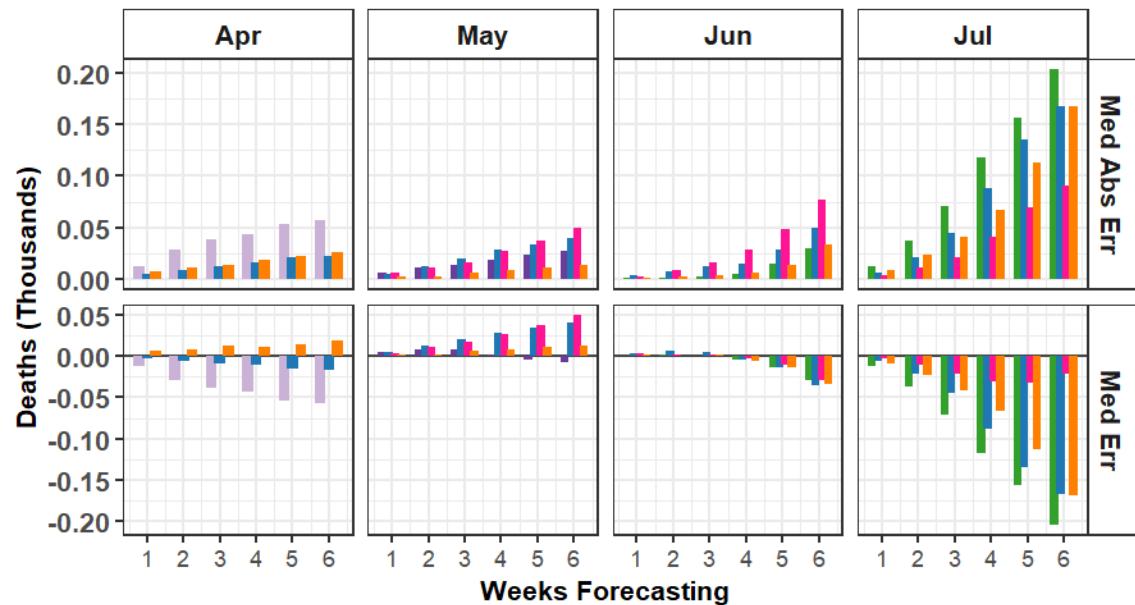
# Puerto Rico

## Current Forecast

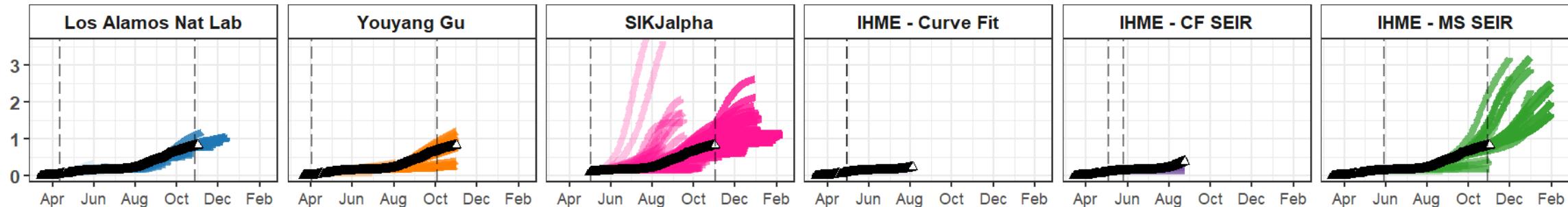
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR



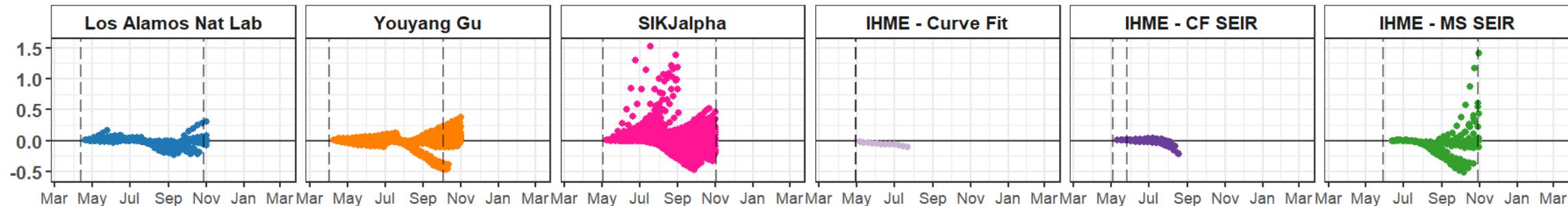
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

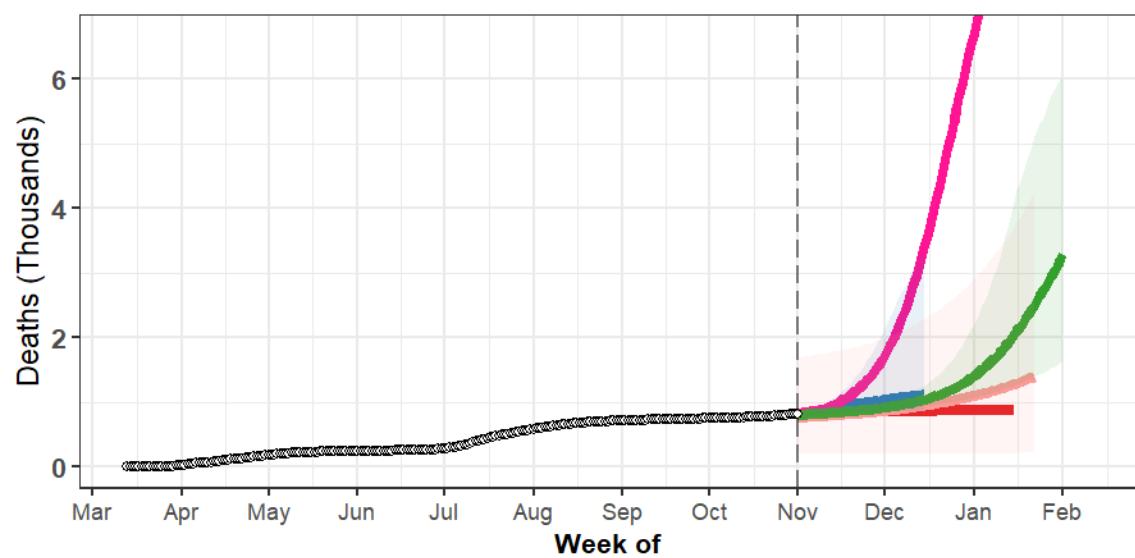


## All Cumulative Errors

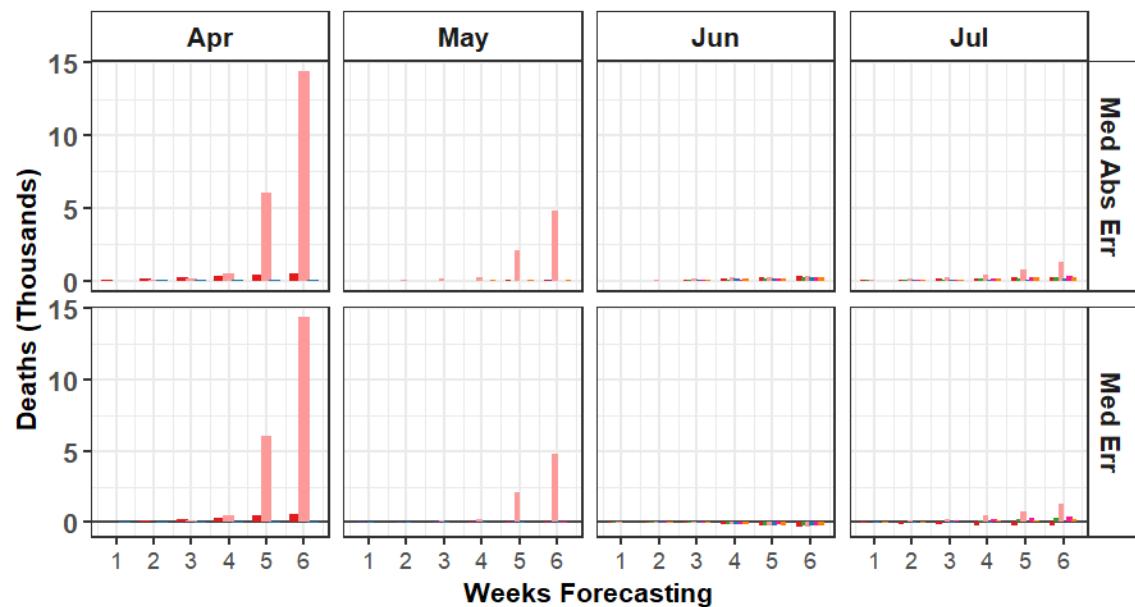


# Serbia

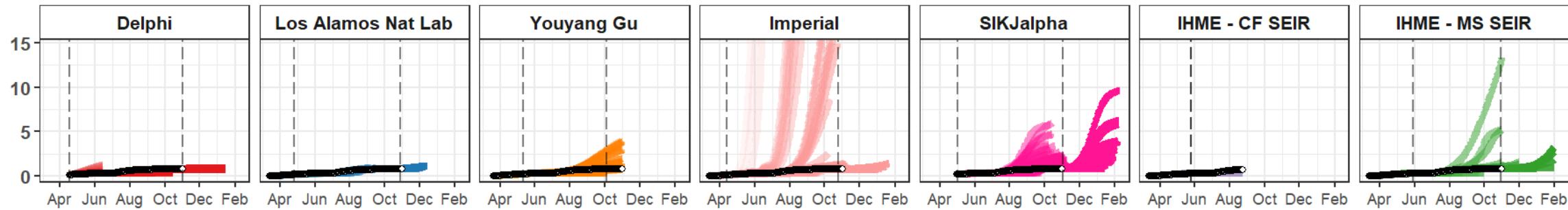
## Current Forecast



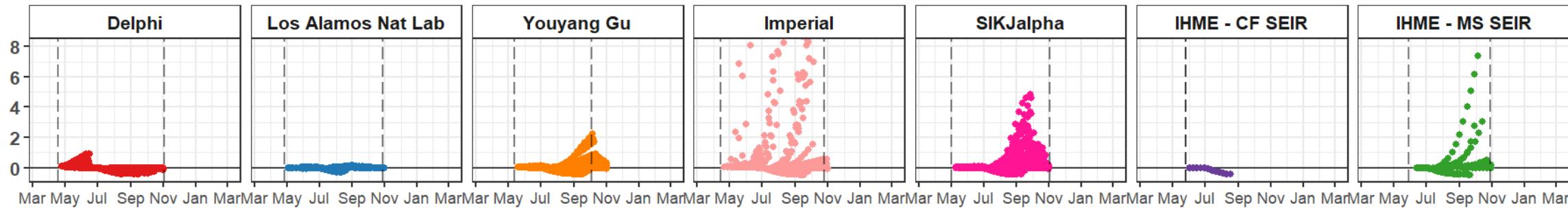
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



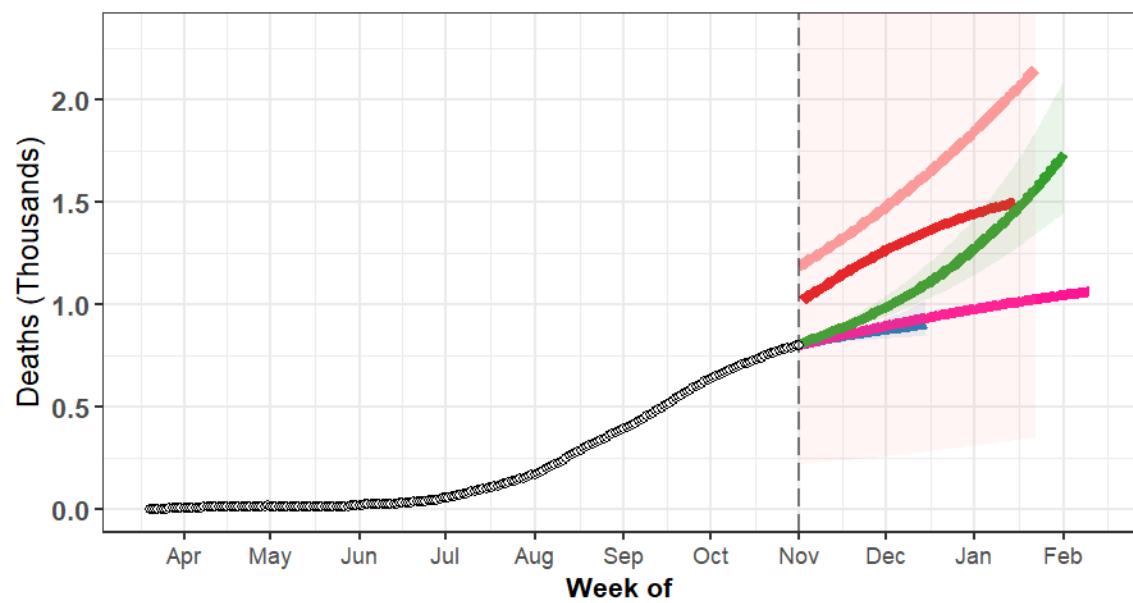
## All Cumulative Errors



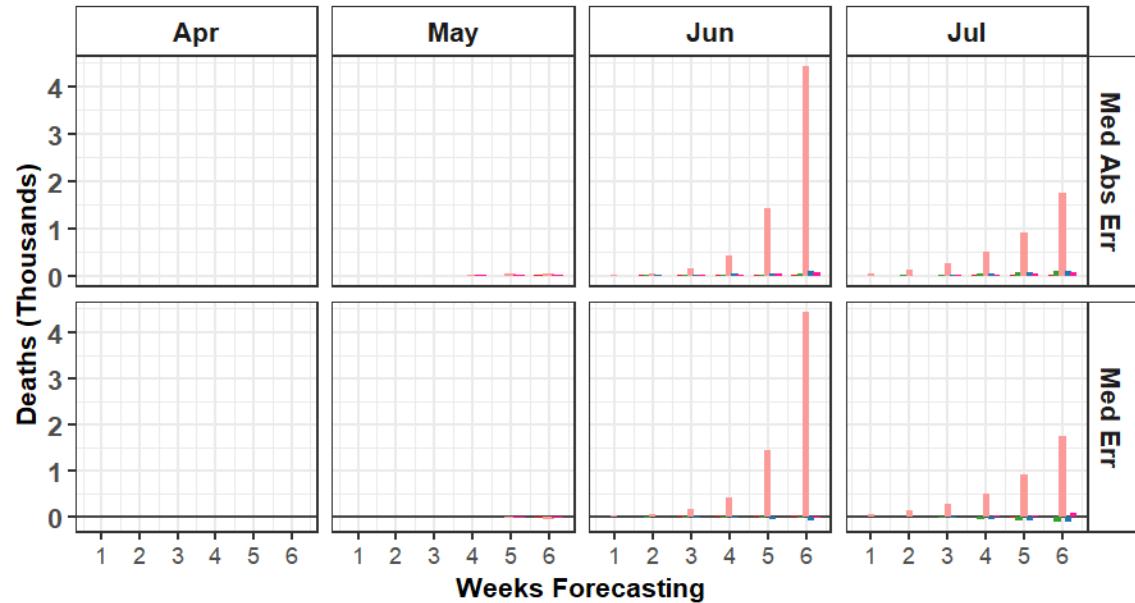
# Venezuela

## Current Forecast

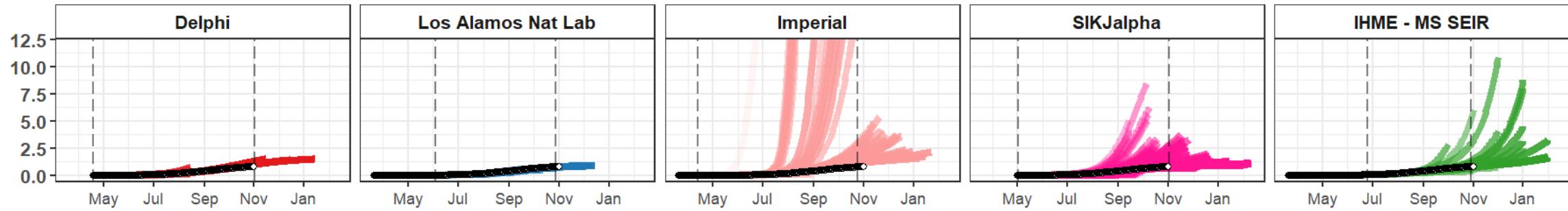
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



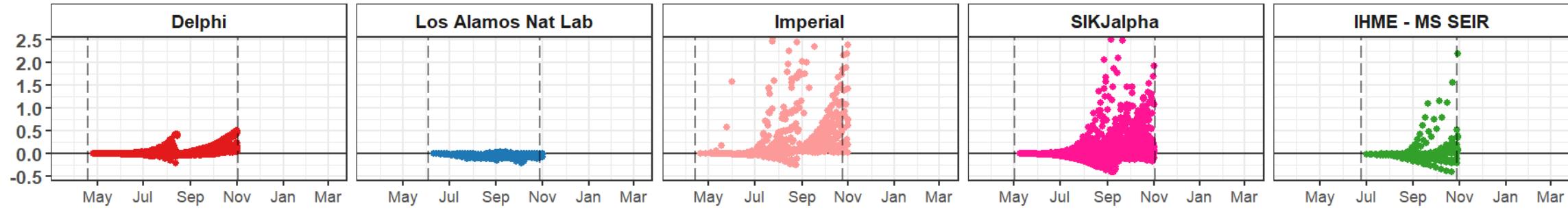
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

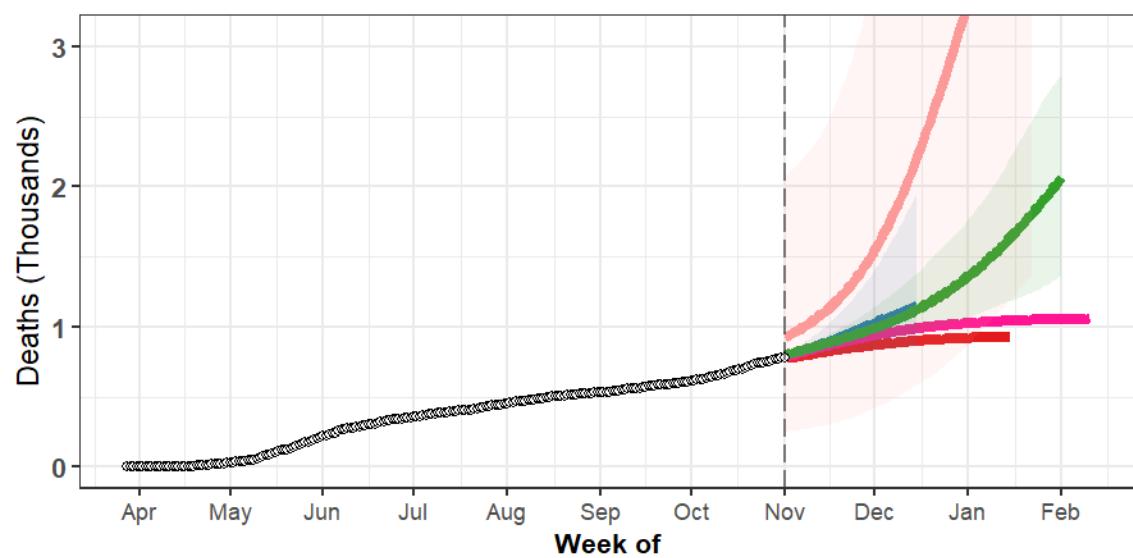


## All Cumulative Errors

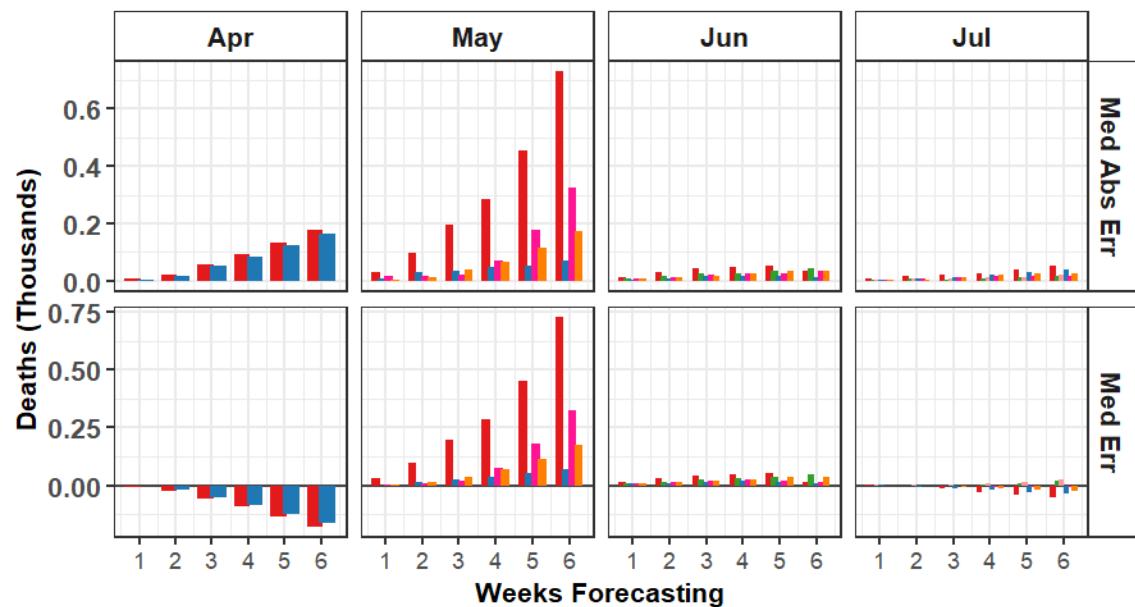


# Kuwait

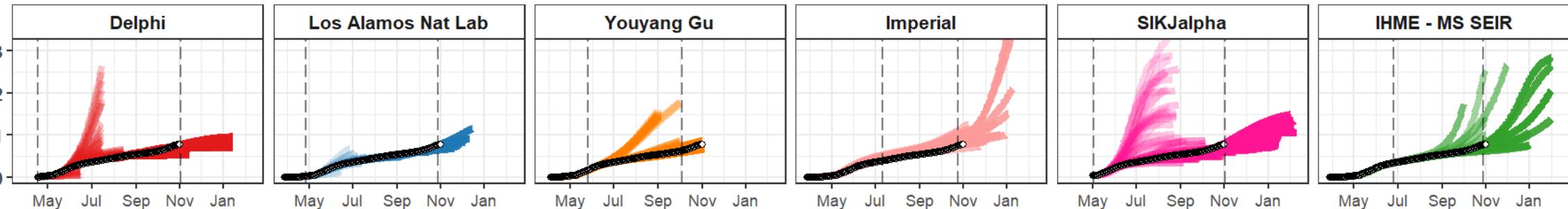
## Current Forecast



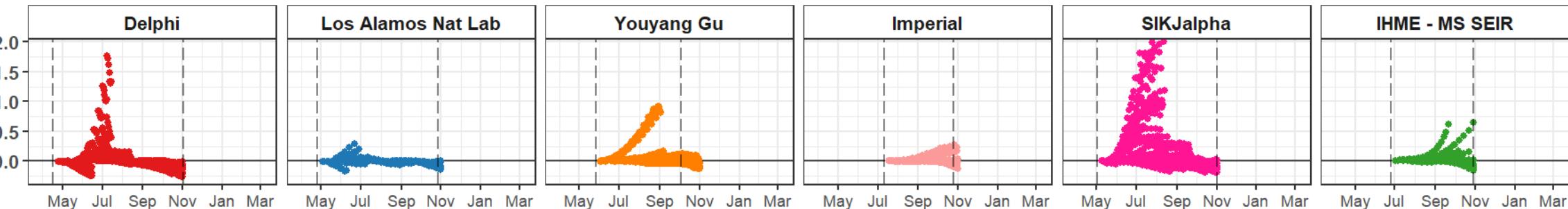
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



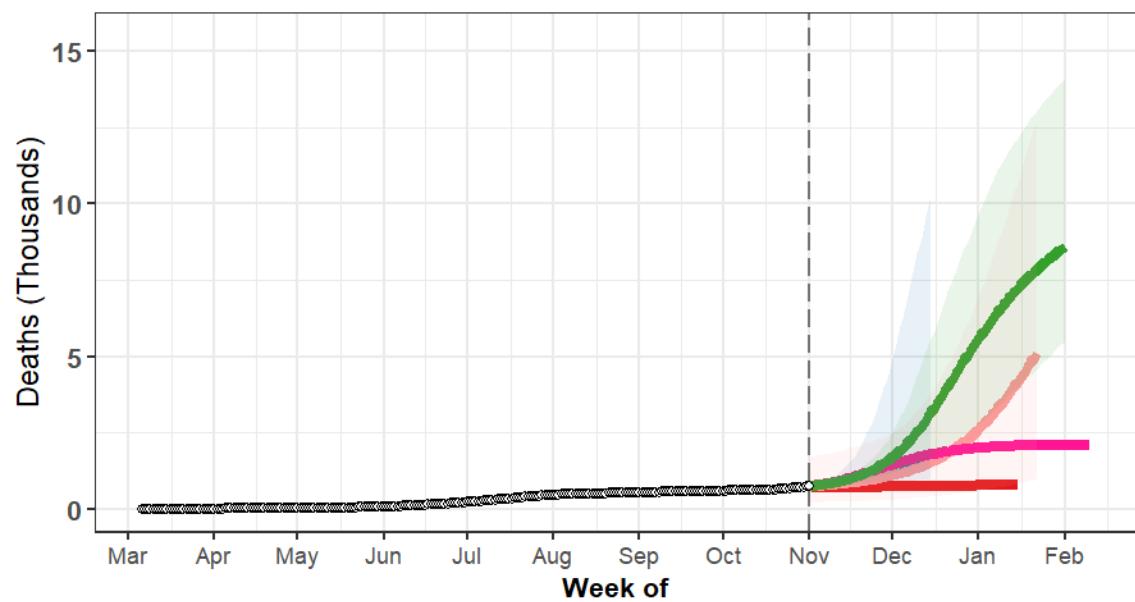
## All Cumulative Errors



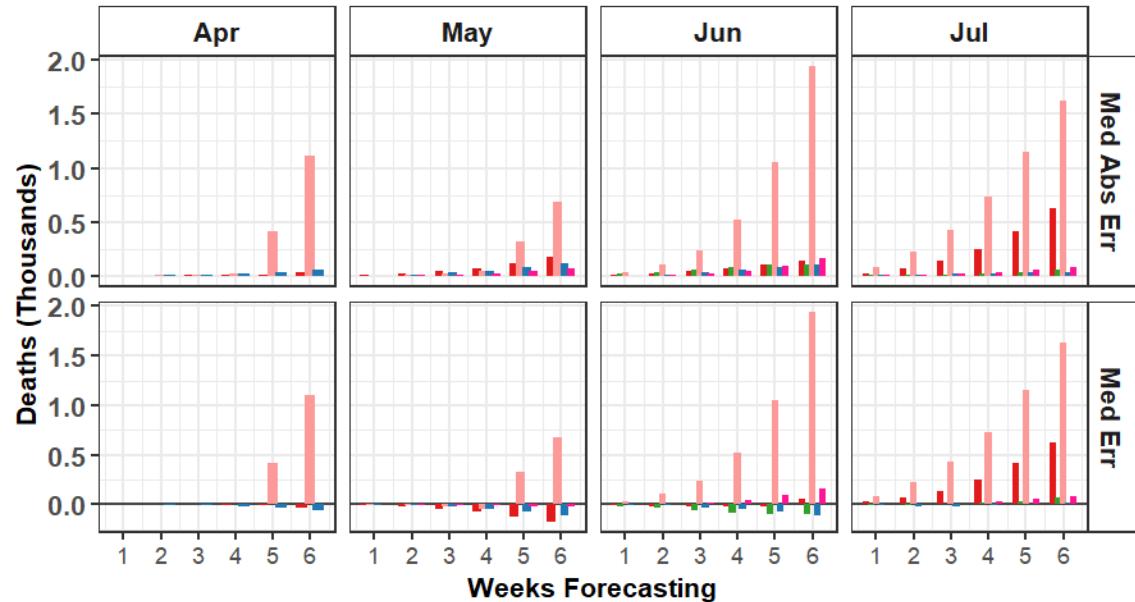
# Azerbaijan

## Current Forecast

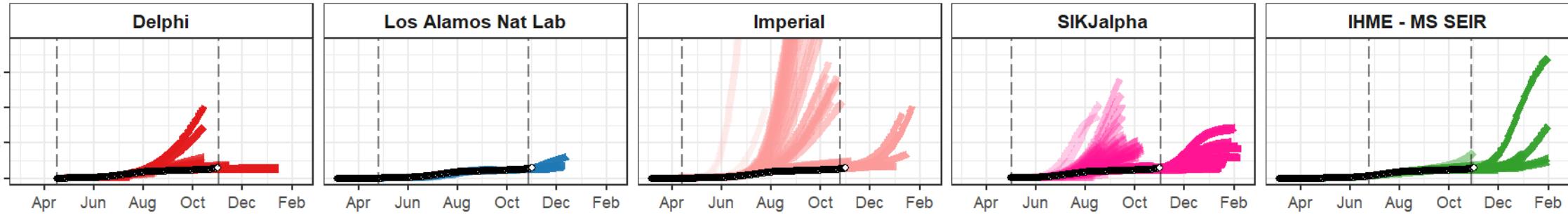
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



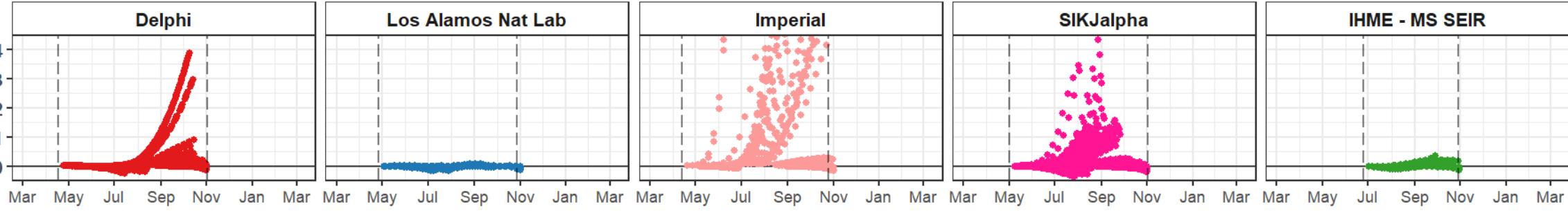
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

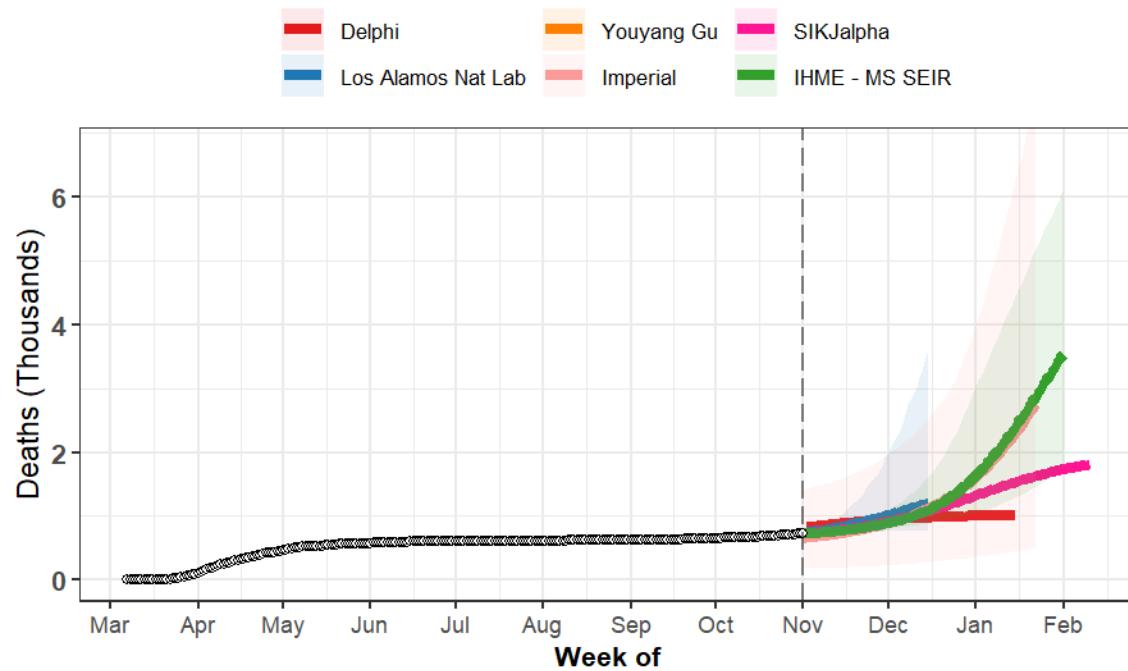


## All Cumulative Errors

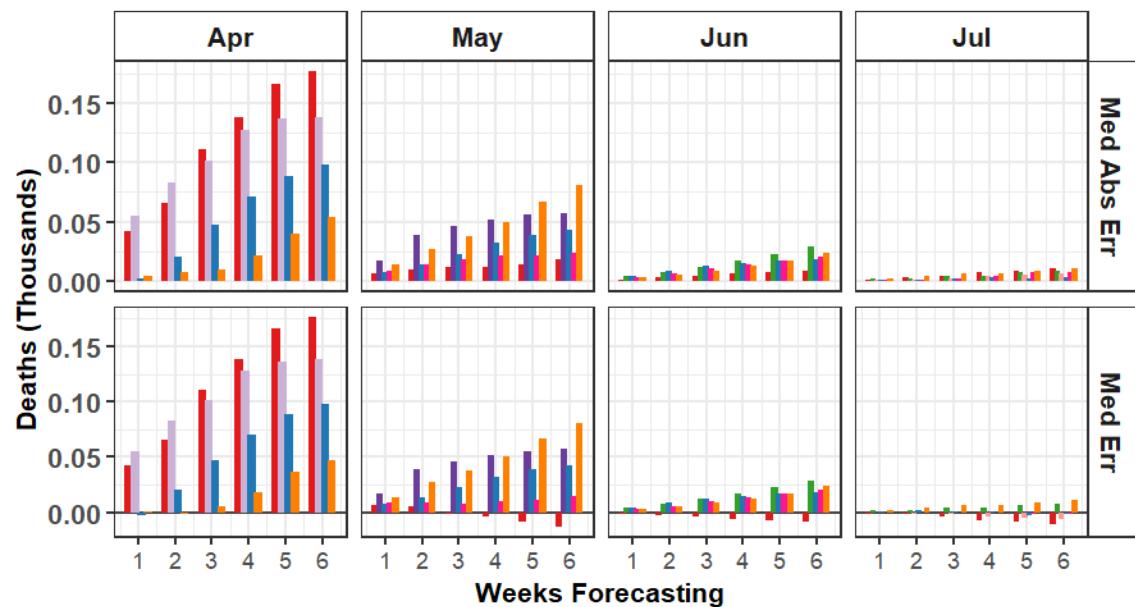


## Denmark

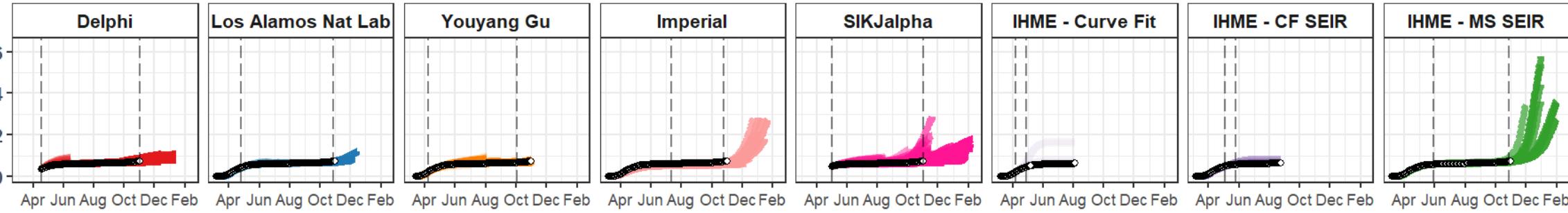
## Current Forecast



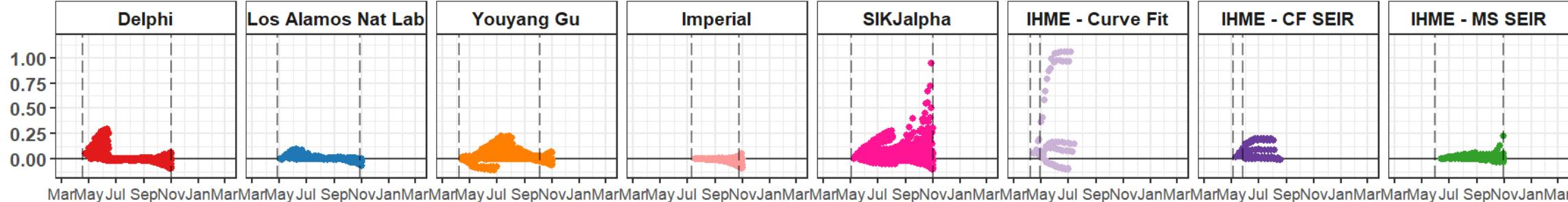
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

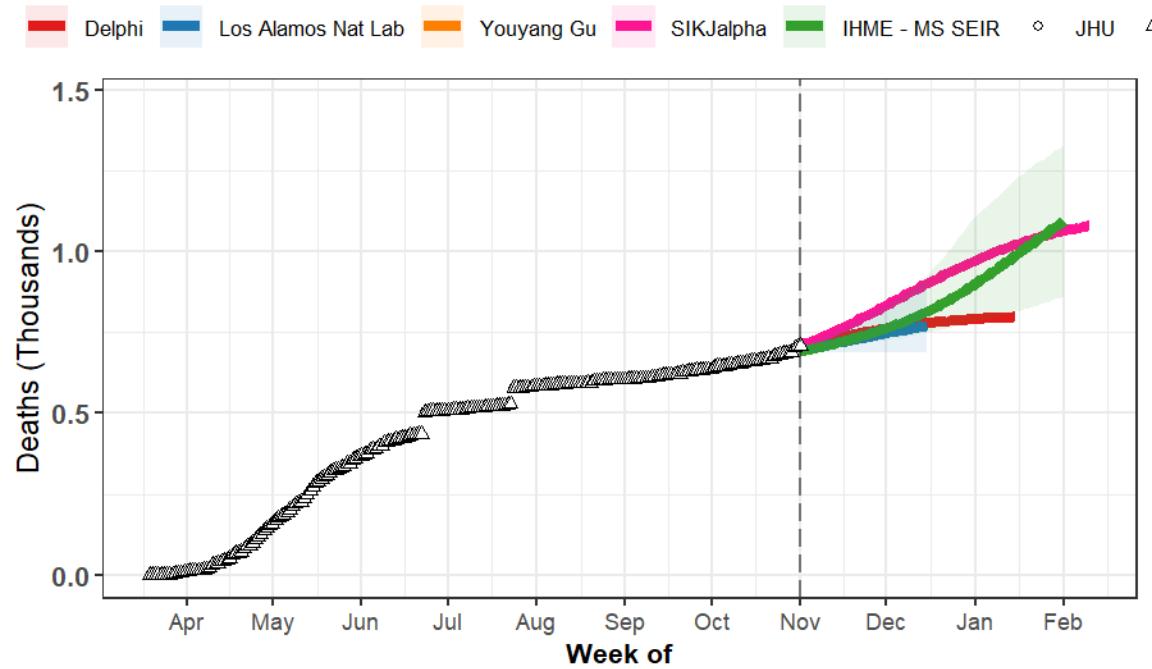


## All Cumulative Errors

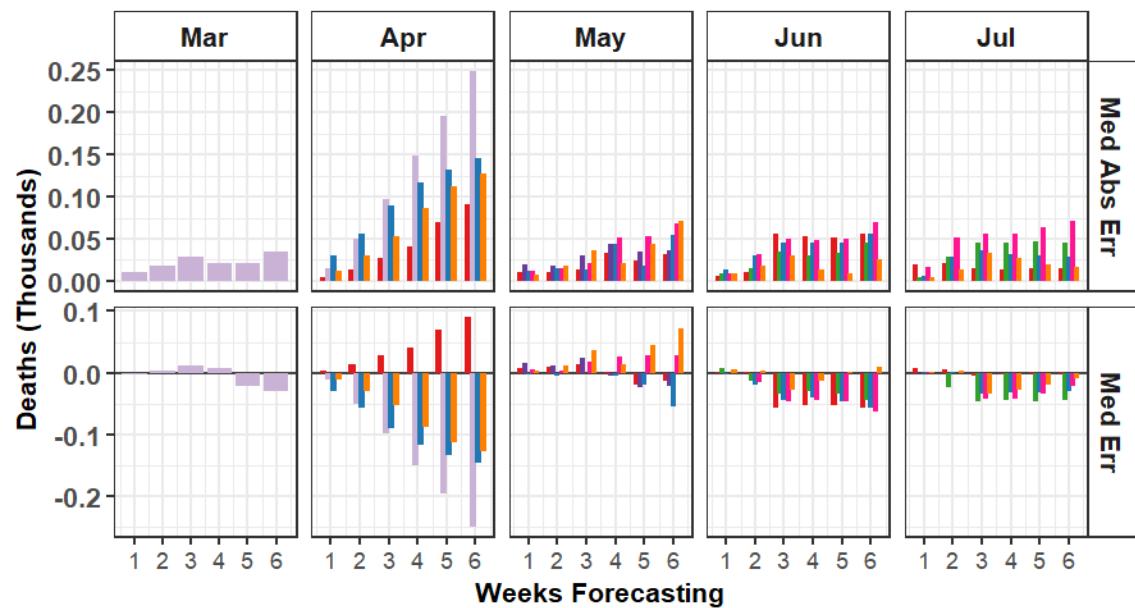


# Delaware

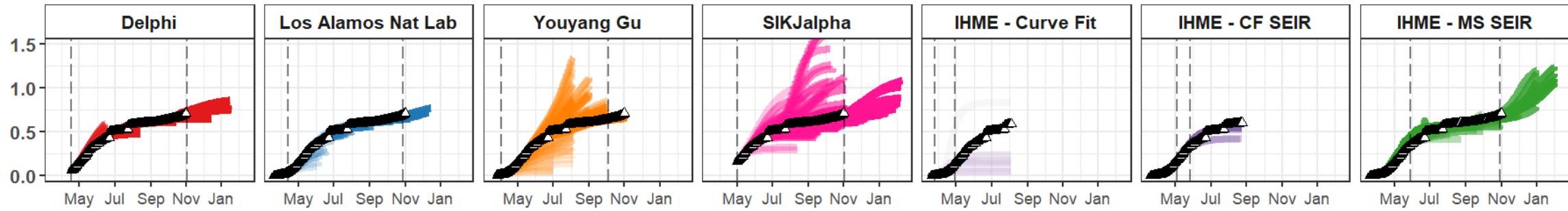
## Current Forecast



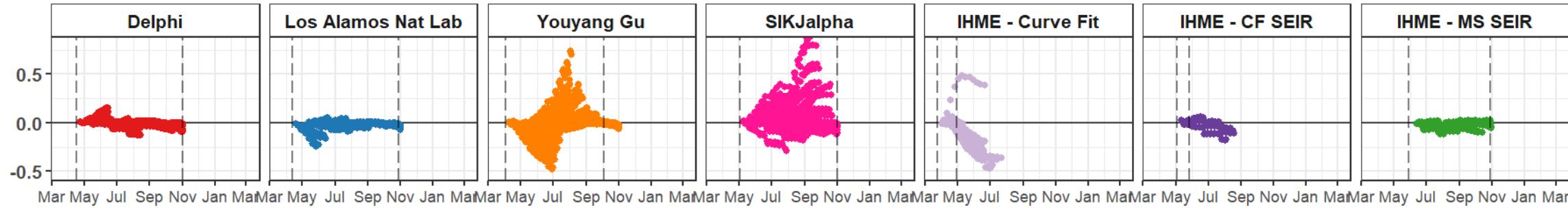
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

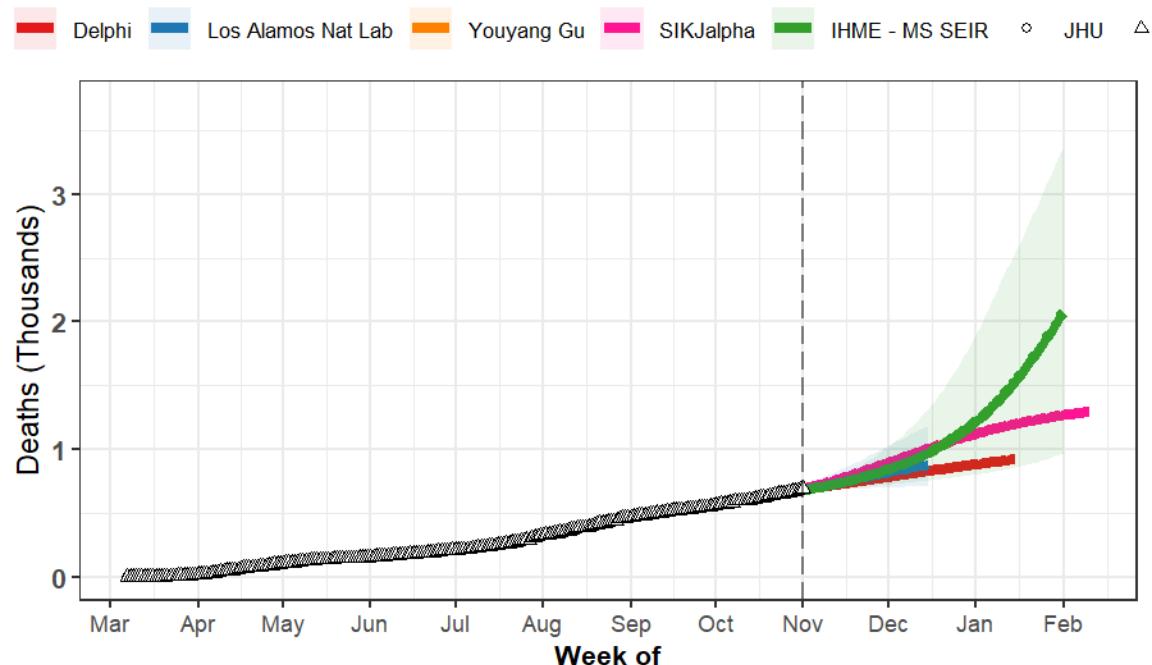


## All Cumulative Errors

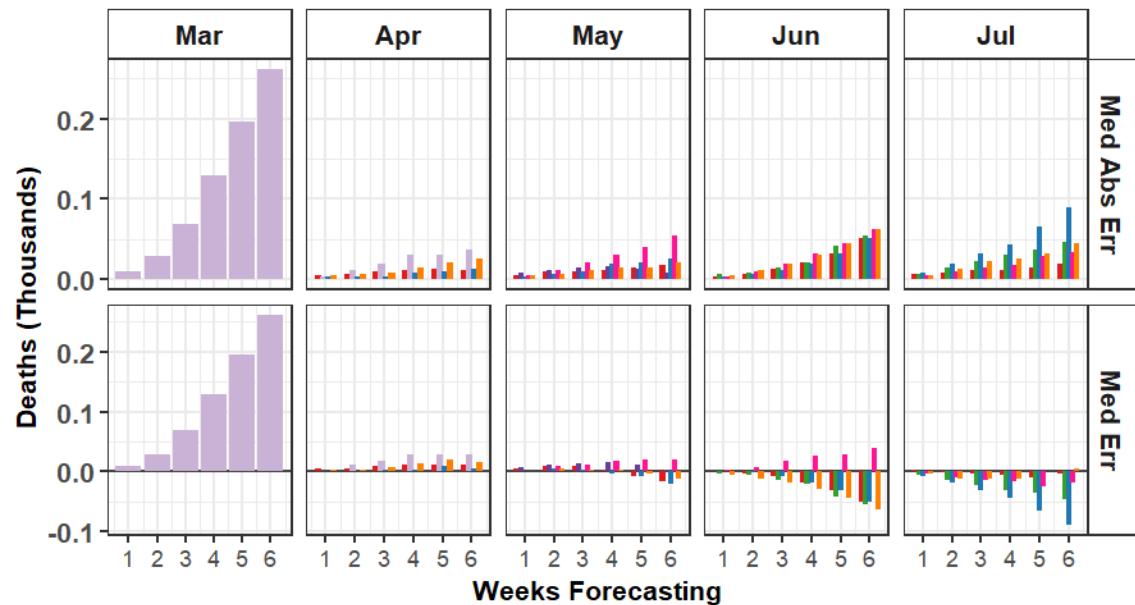


# Oregon

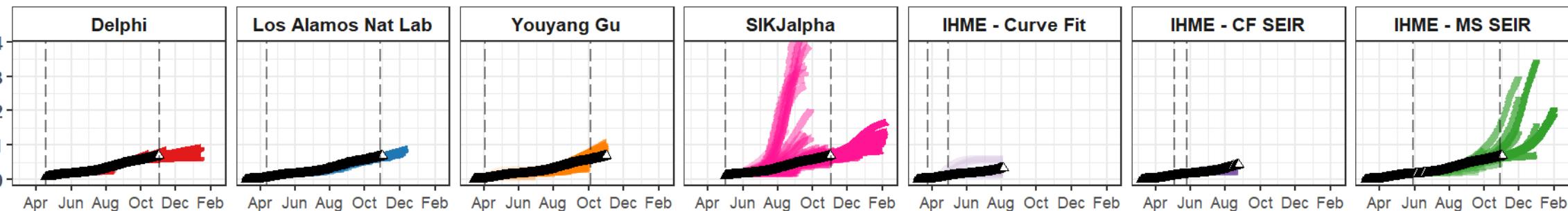
## Current Forecast



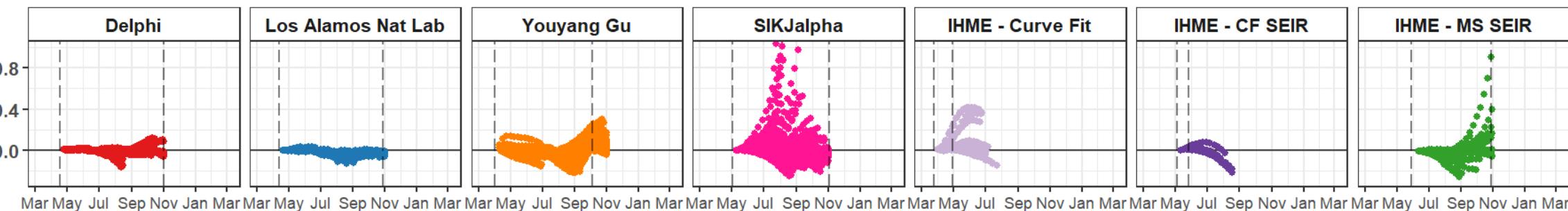
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

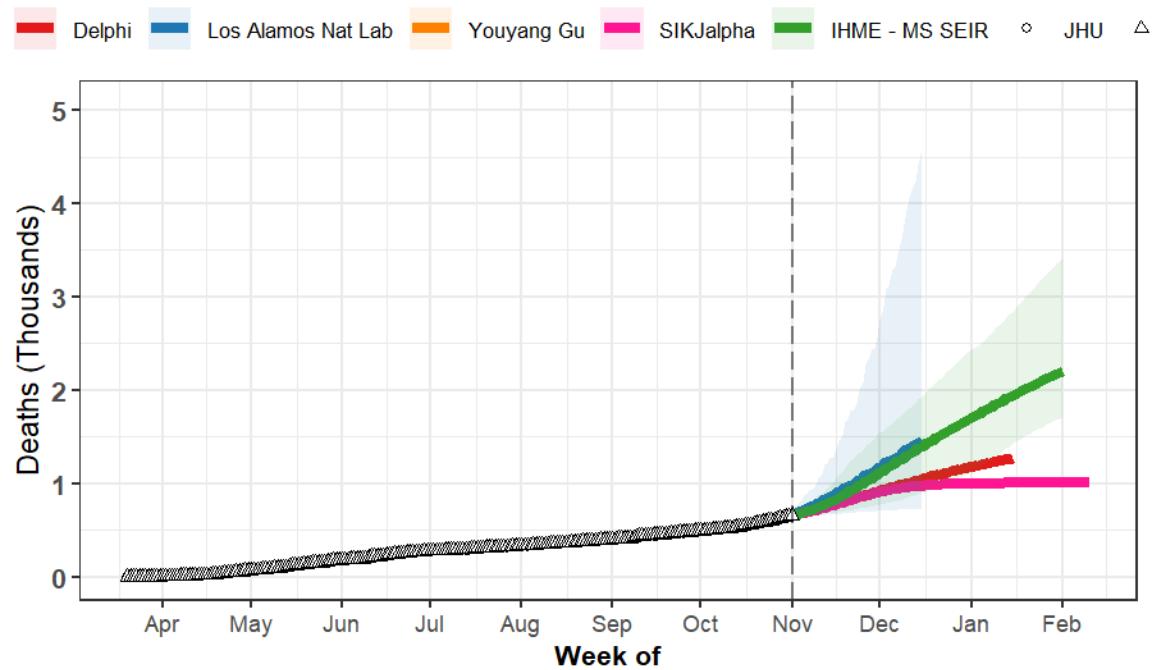


## All Cumulative Errors

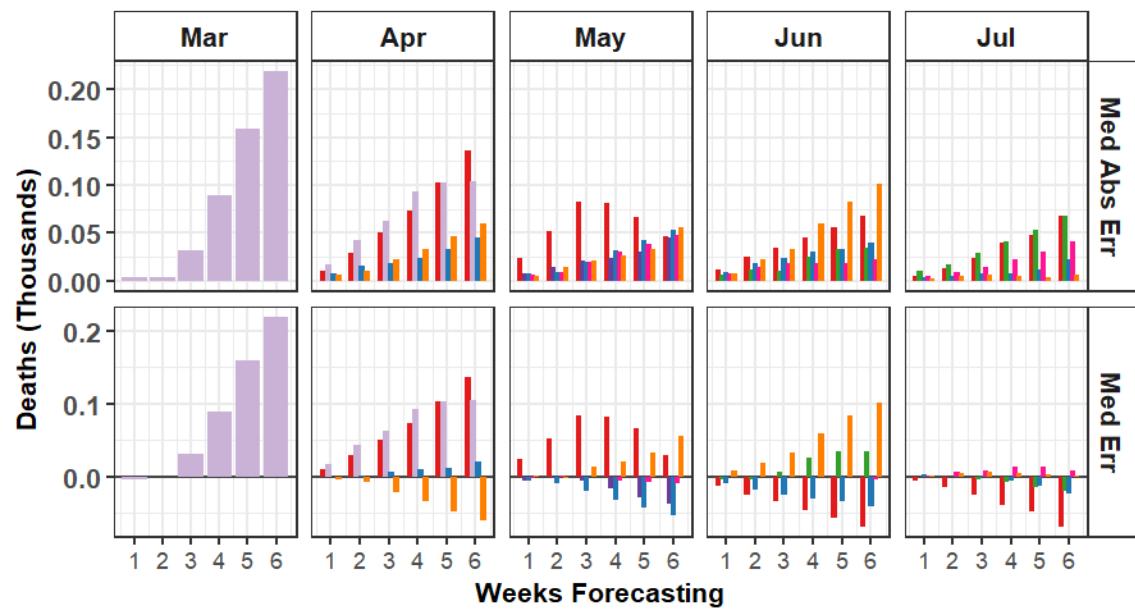


# Nebraska

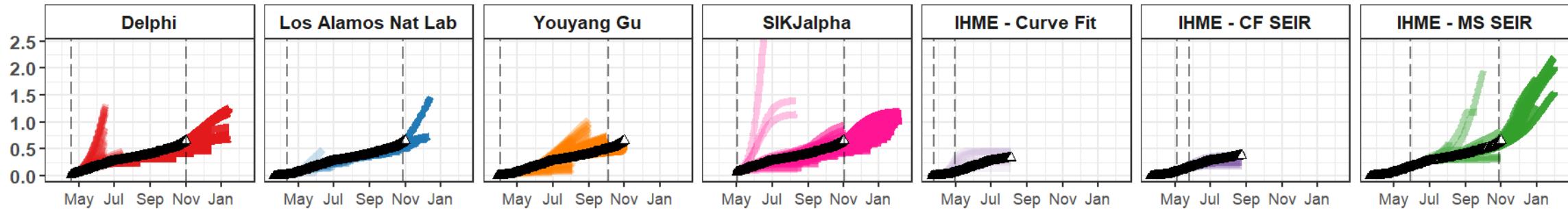
## Current Forecast



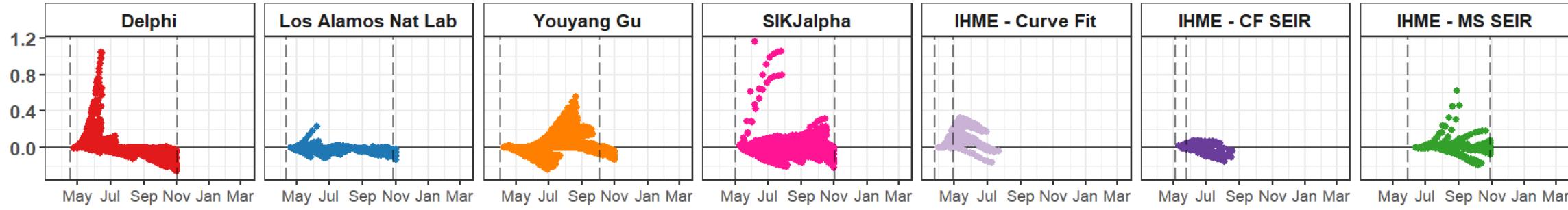
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

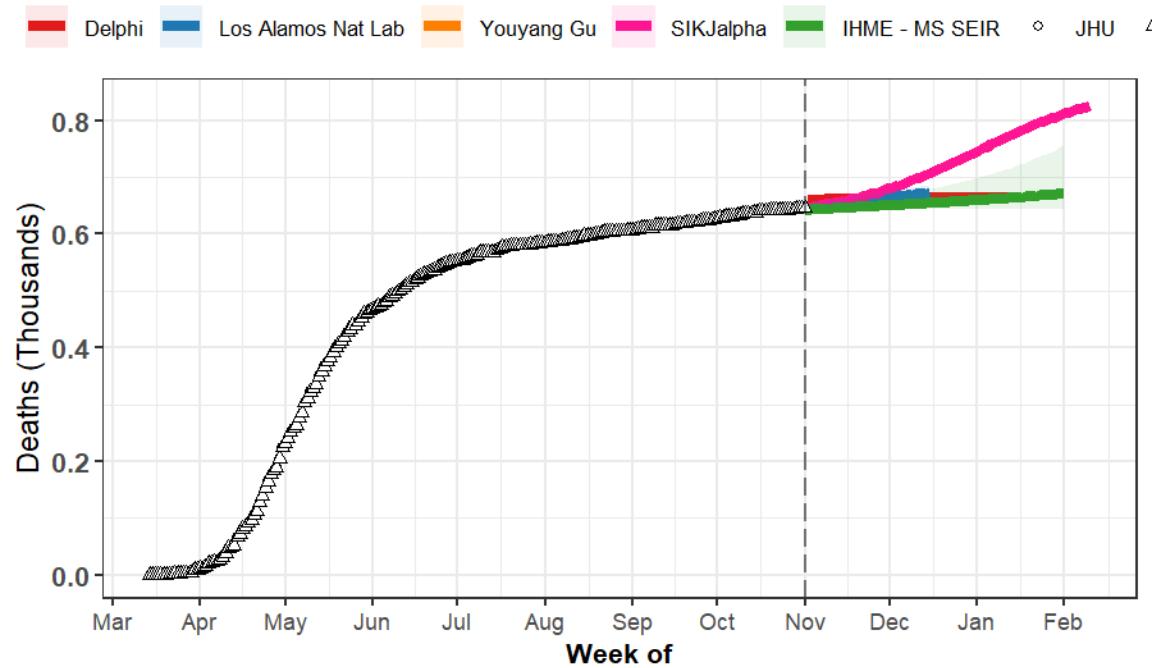


## All Cumulative Errors

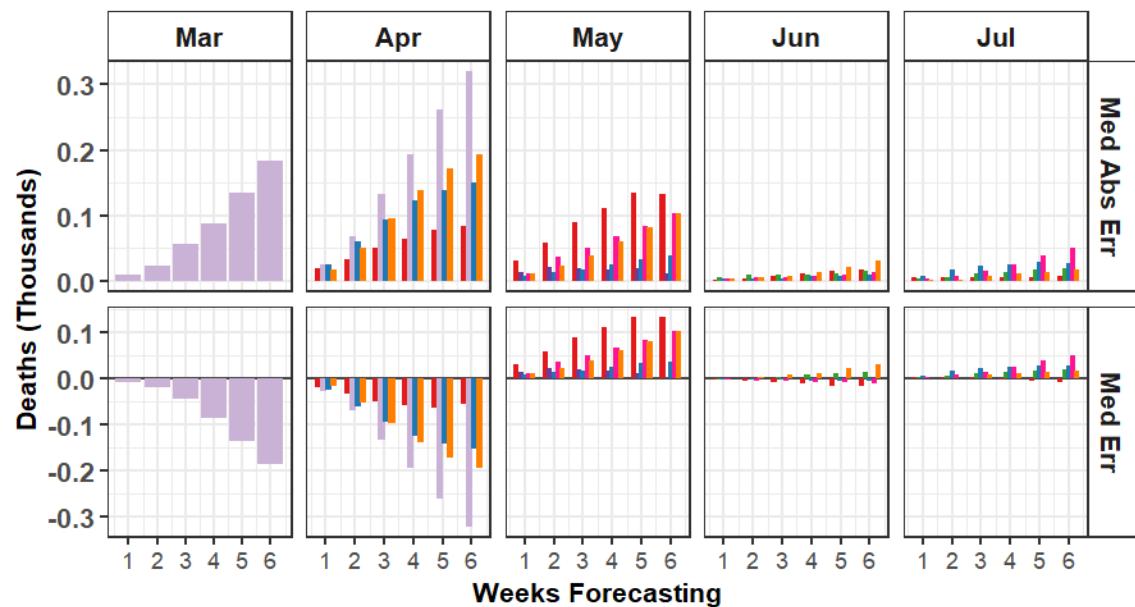


# District of Columbia

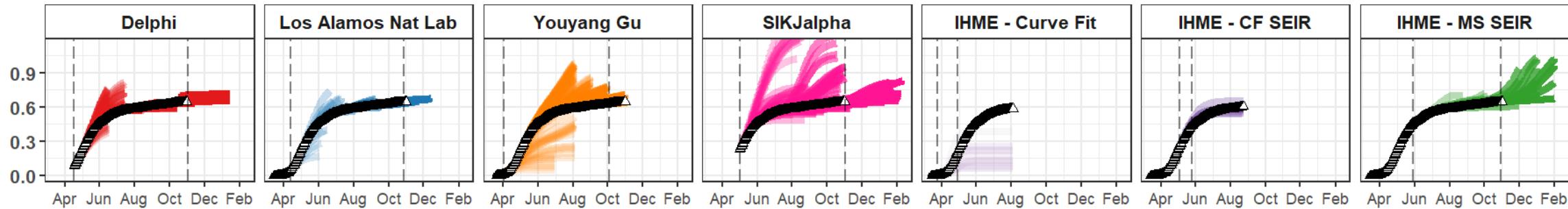
## Current Forecast



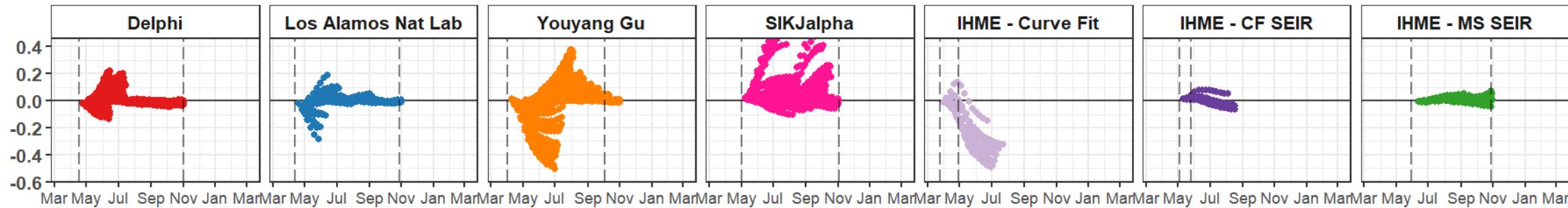
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



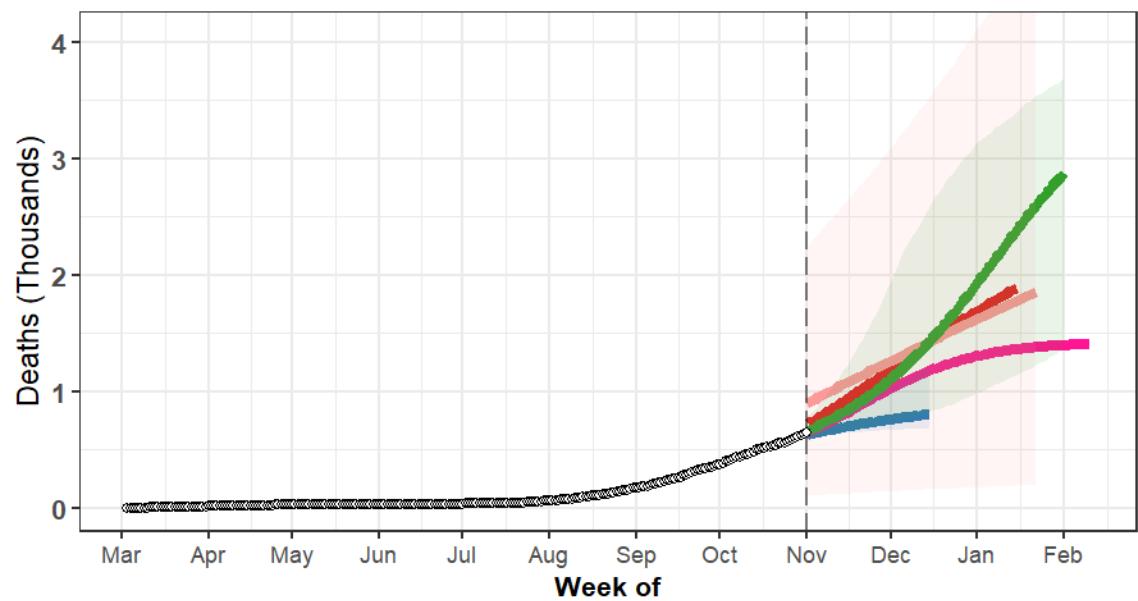
## All Cumulative Errors



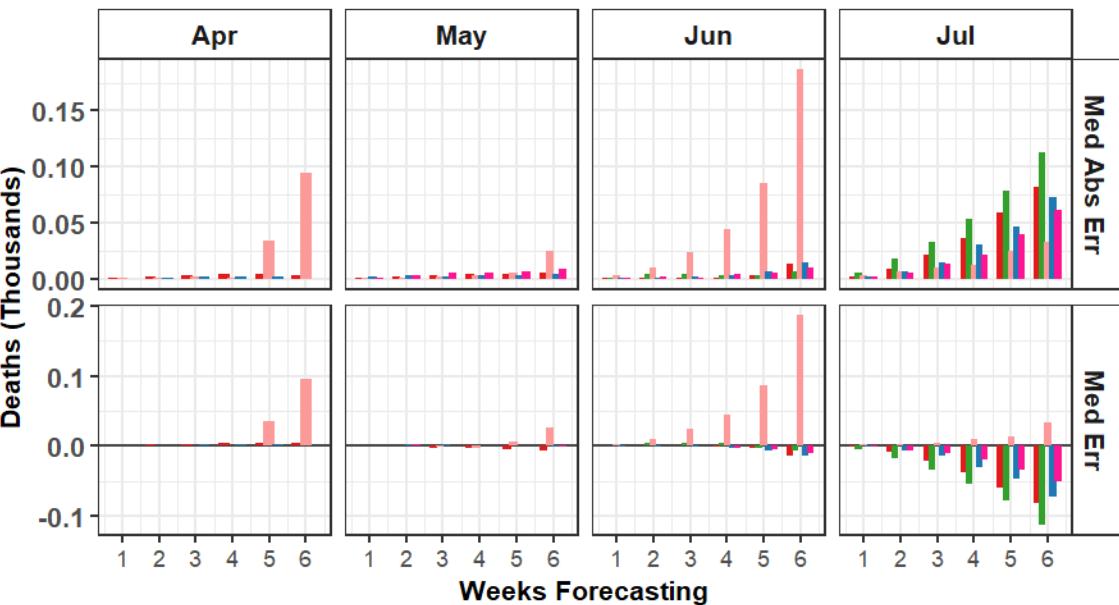
# Lebanon

## Current Forecast

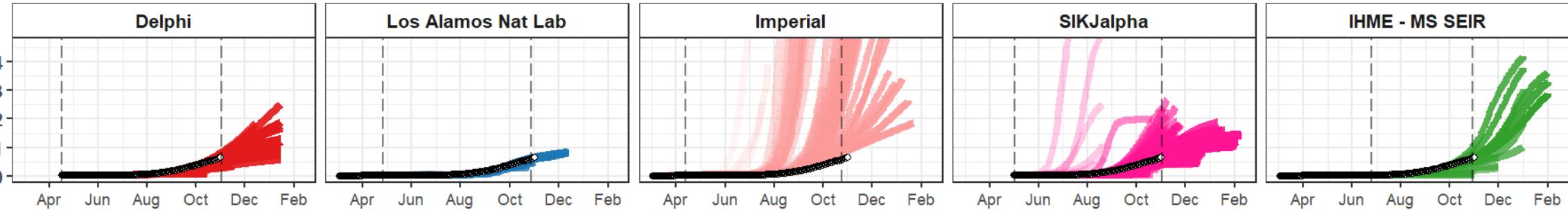
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



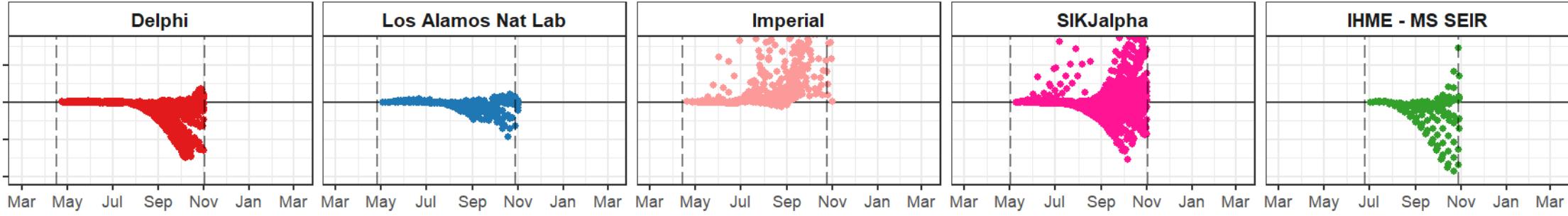
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

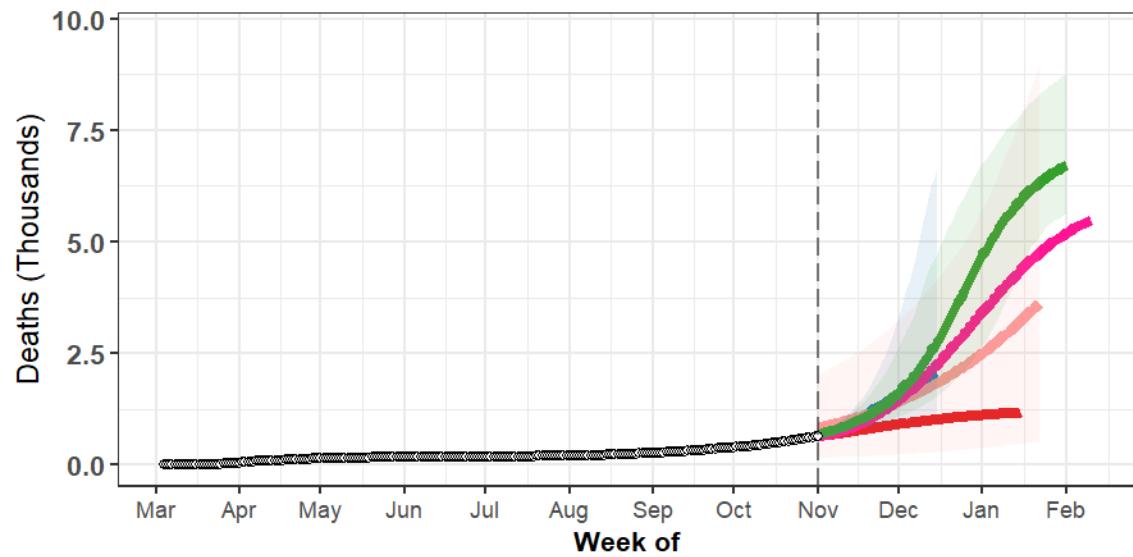


## All Cumulative Errors

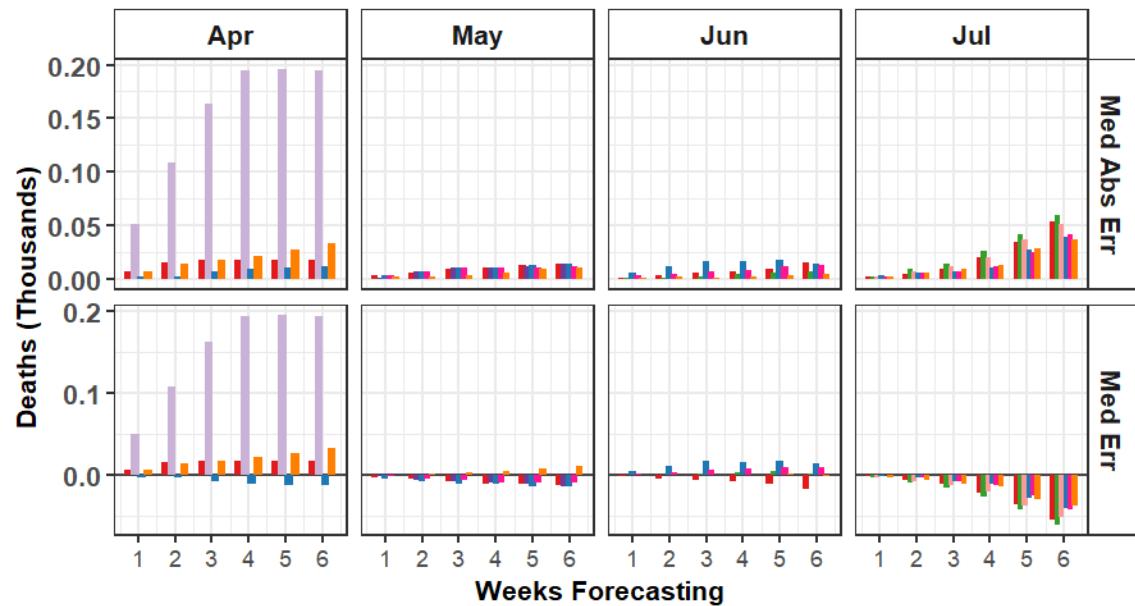


# Greece

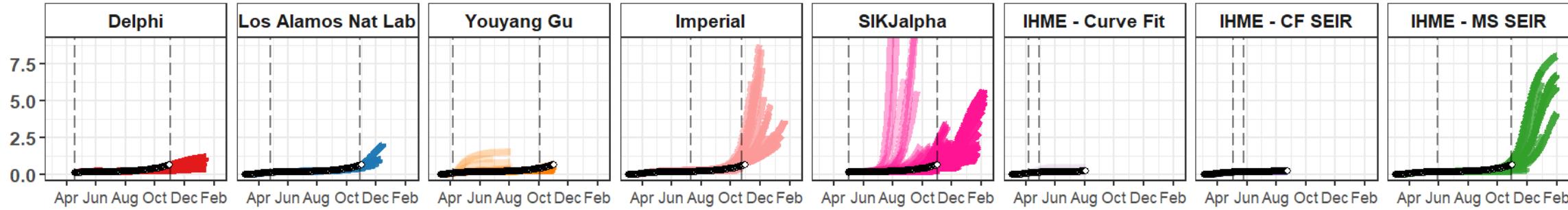
## Current Forecast



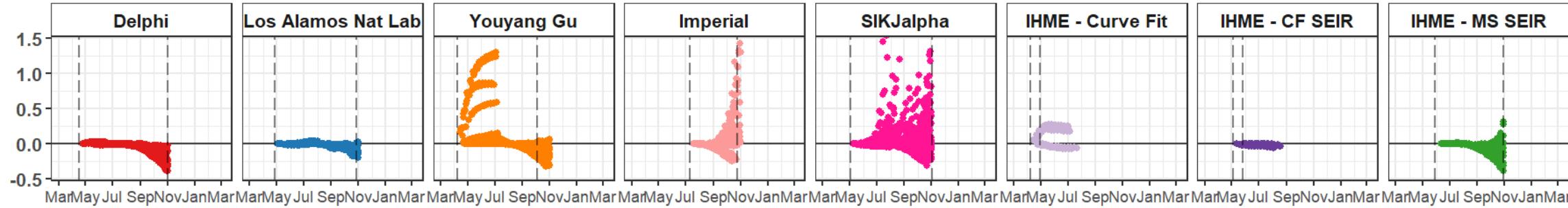
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

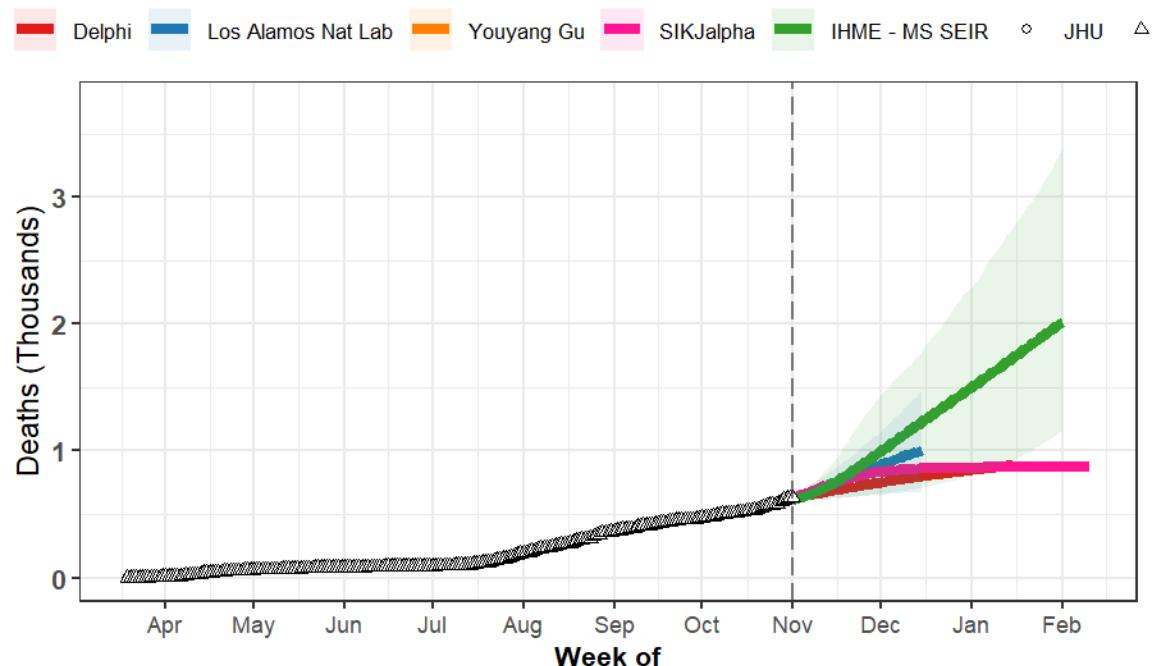


## All Cumulative Errors

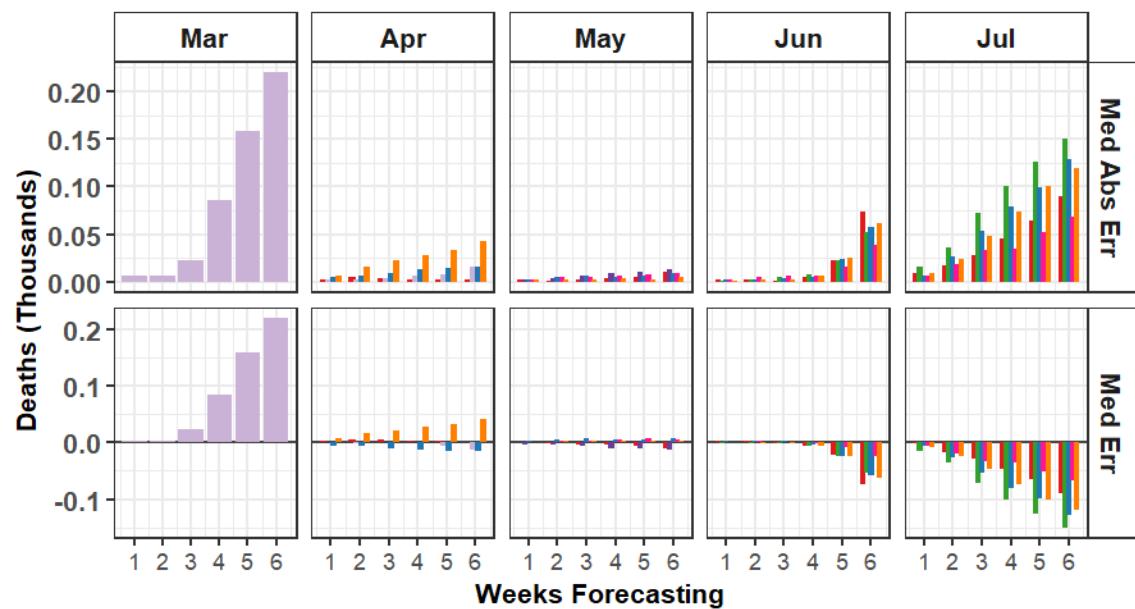


# Idaho

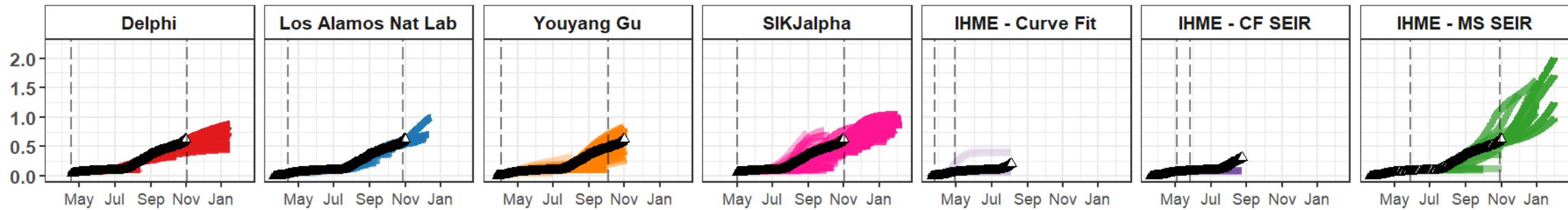
## Current Forecast



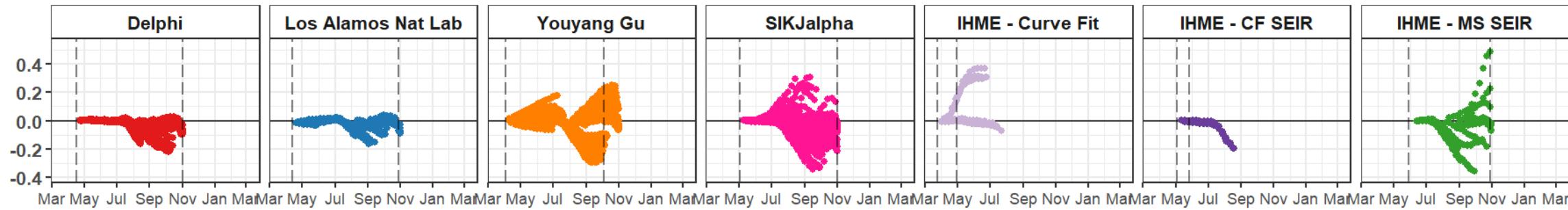
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

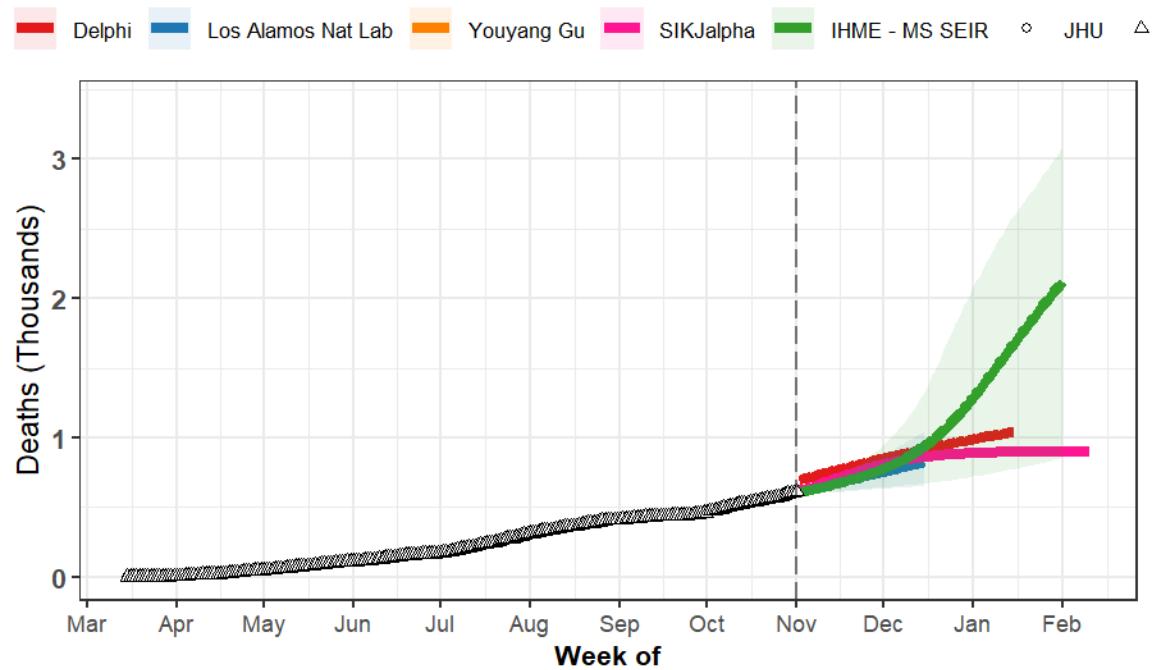


## All Cumulative Errors

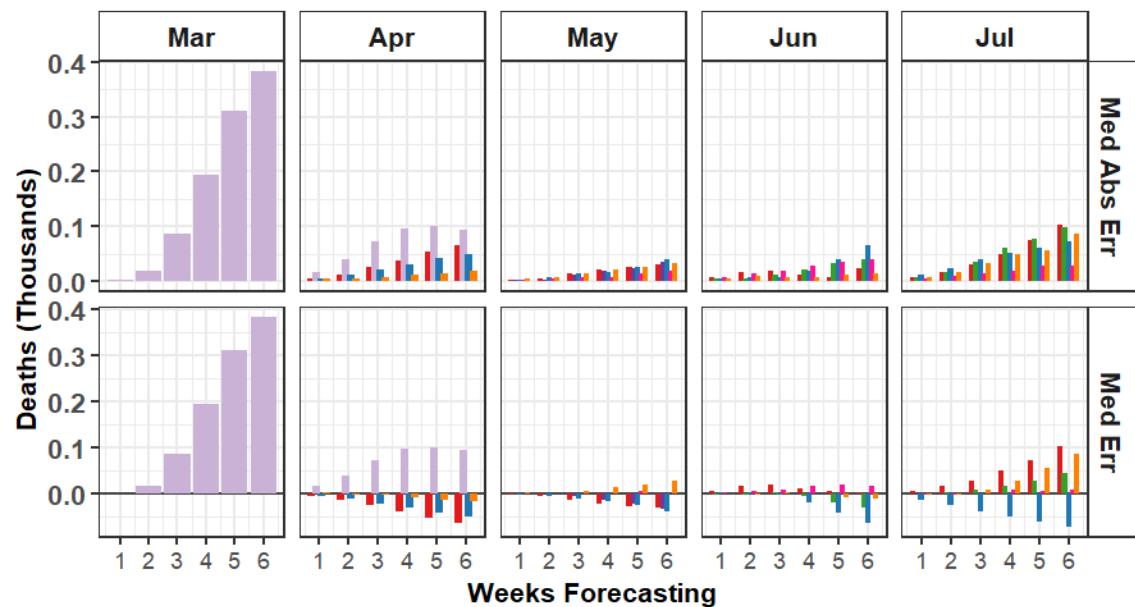


Utah

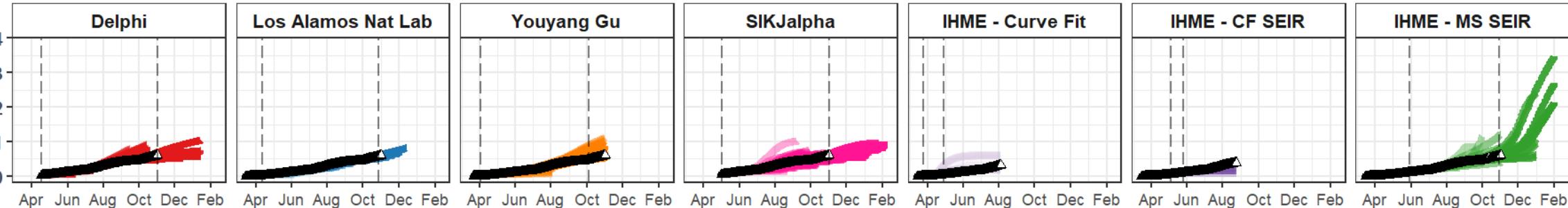
## Current Forecast



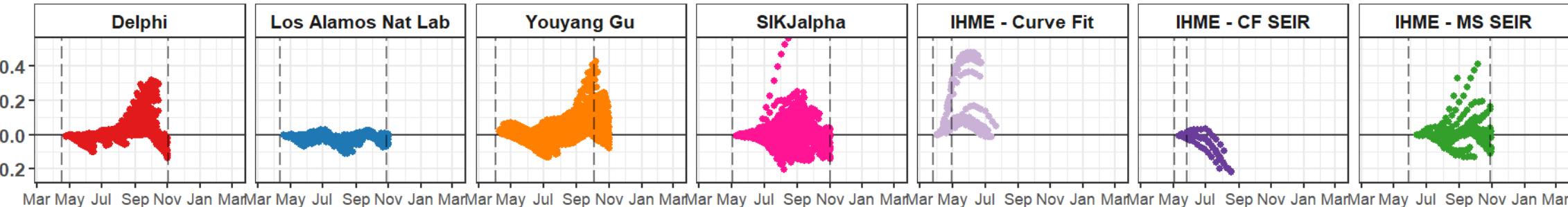
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



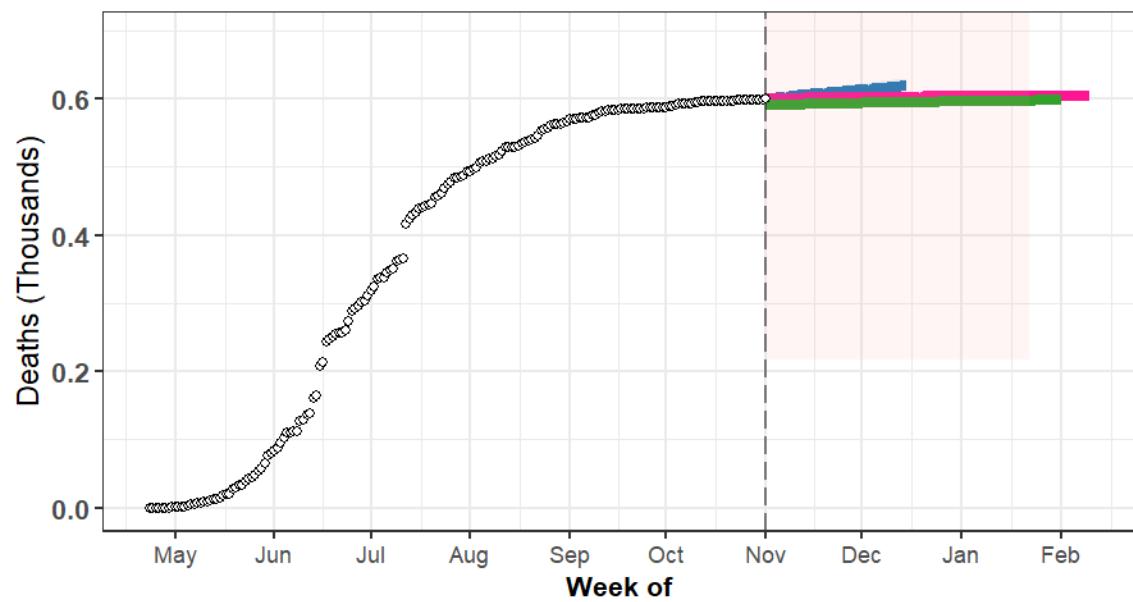
## All Cumulative Errors



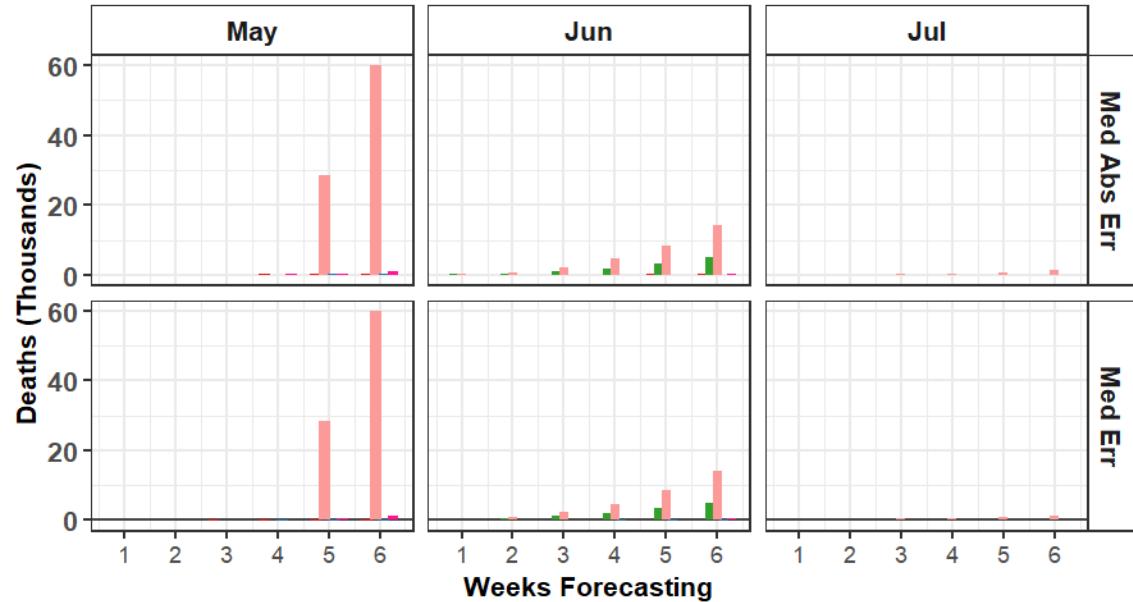
# Yemen

## Current Forecast

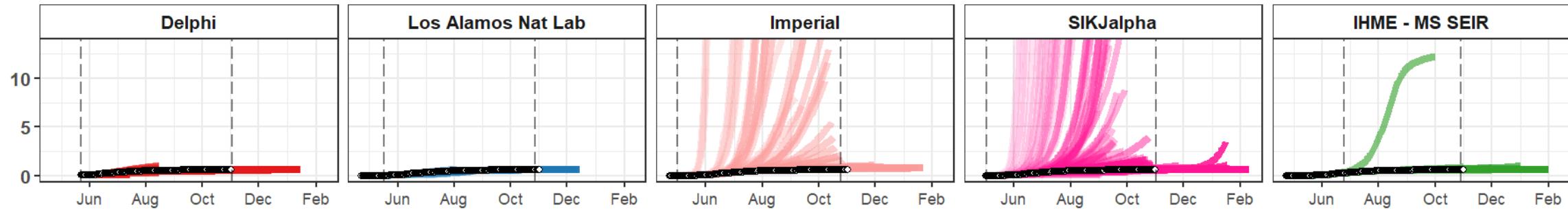
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



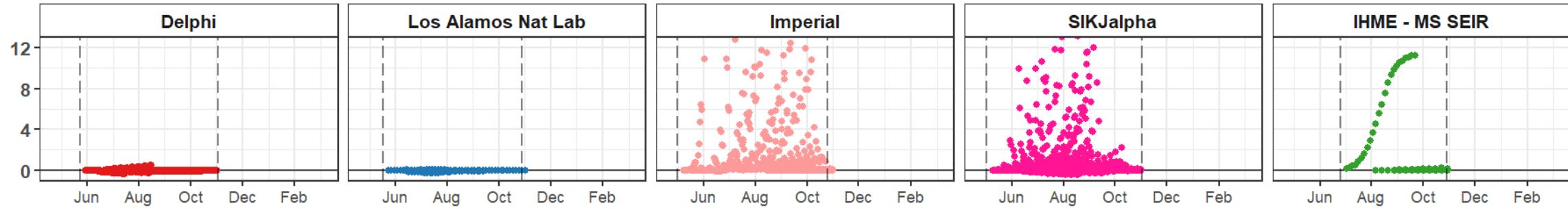
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



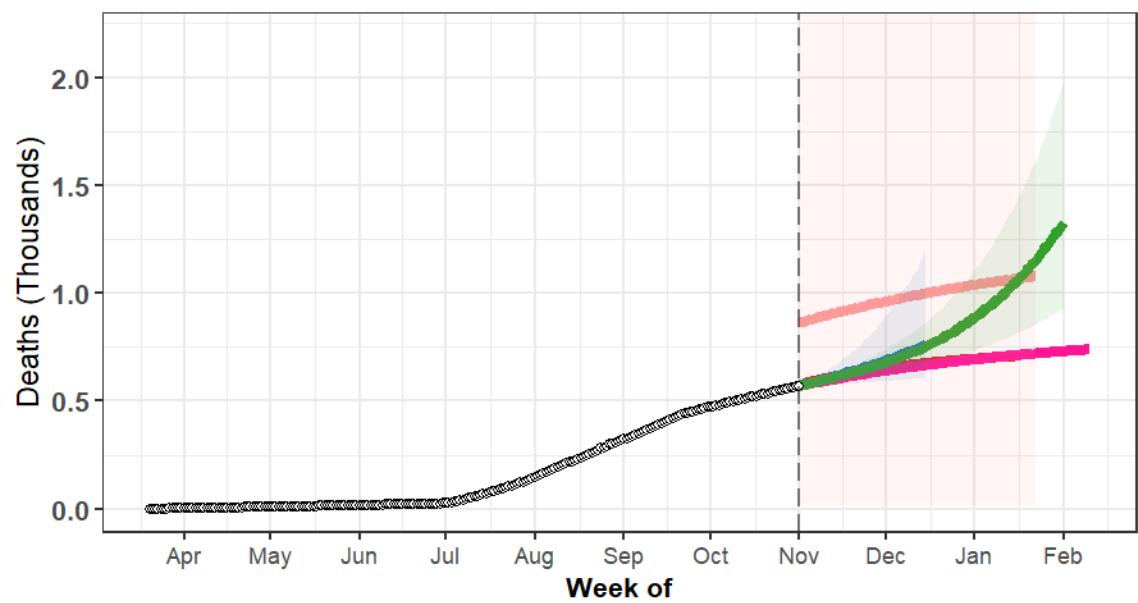
## All Cumulative Errors



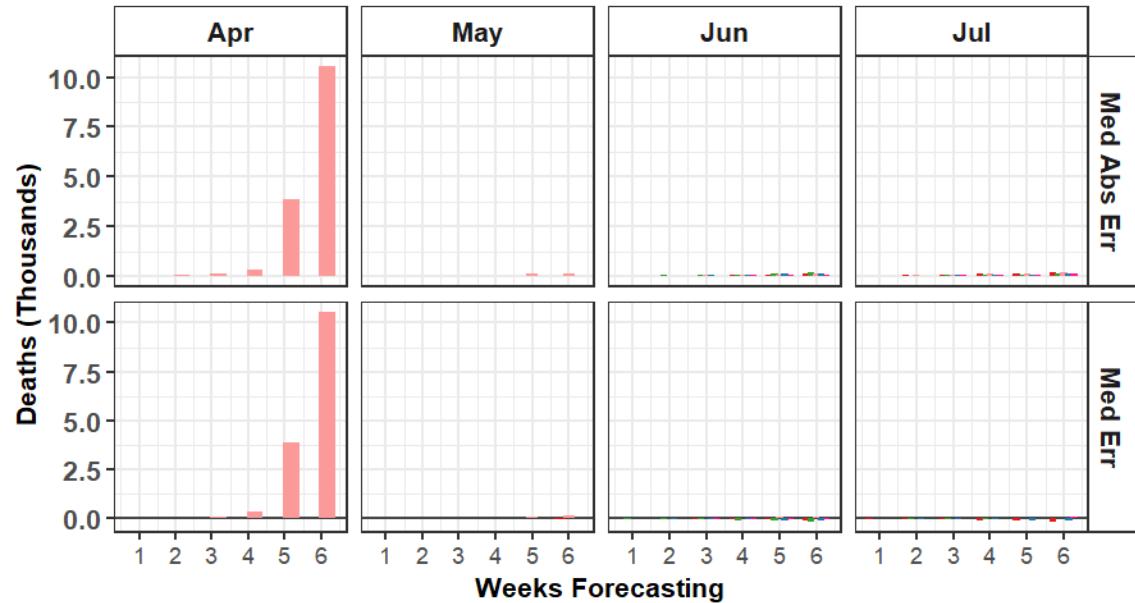
# Uzbekistan

## Current Forecast

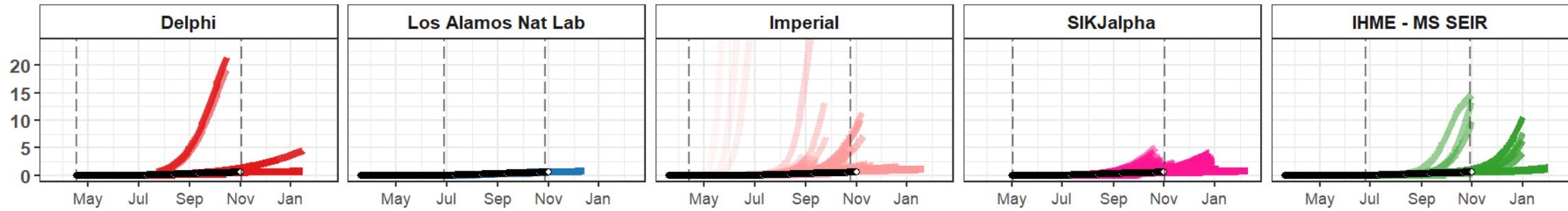
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



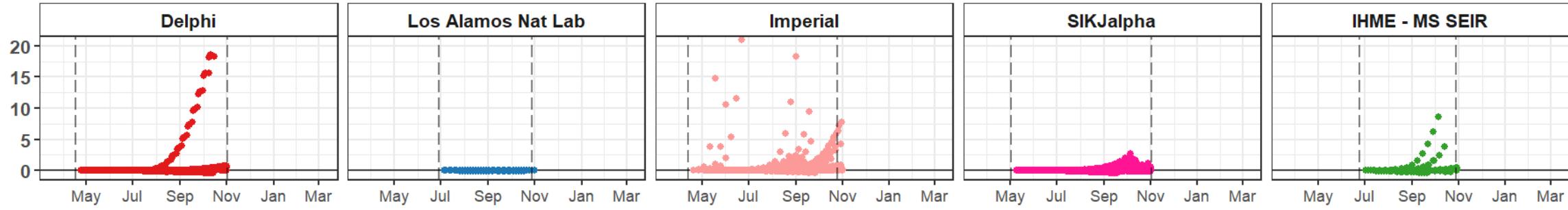
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

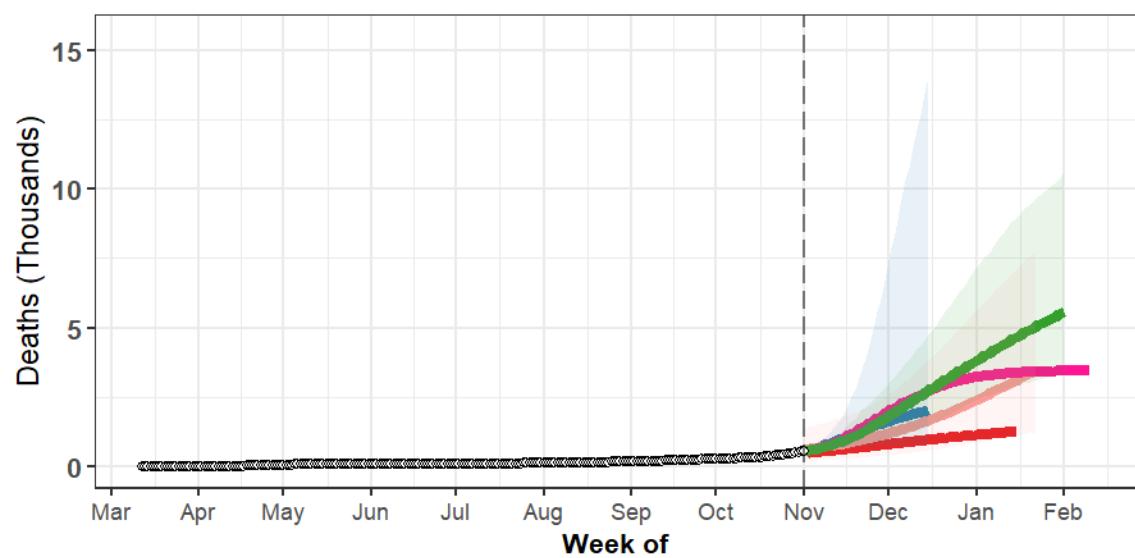


## All Cumulative Errors

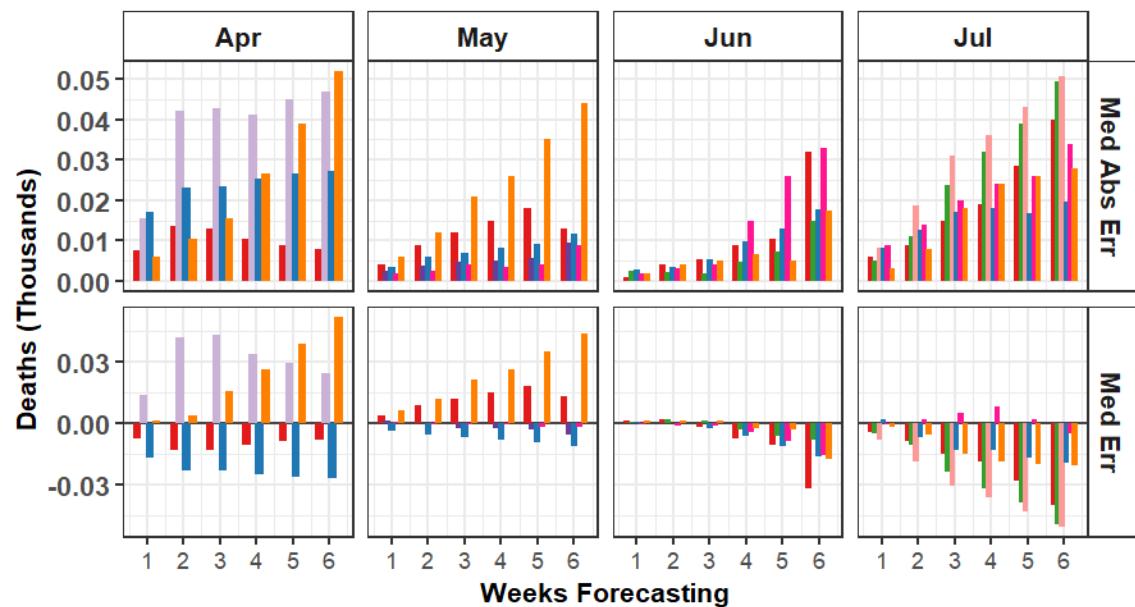


# Croatia

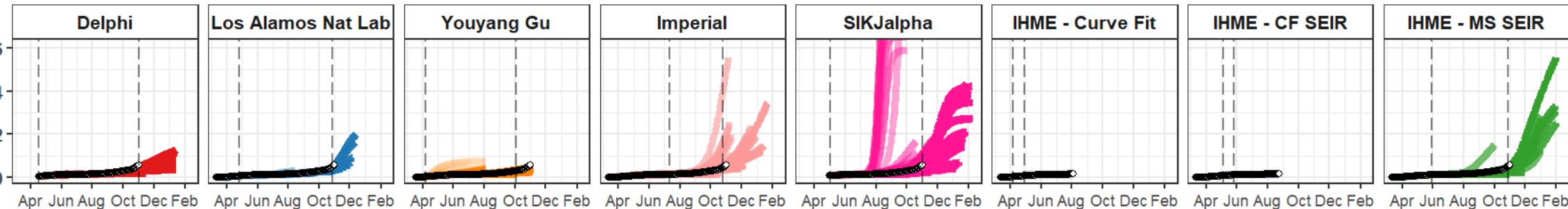
## Current Forecast



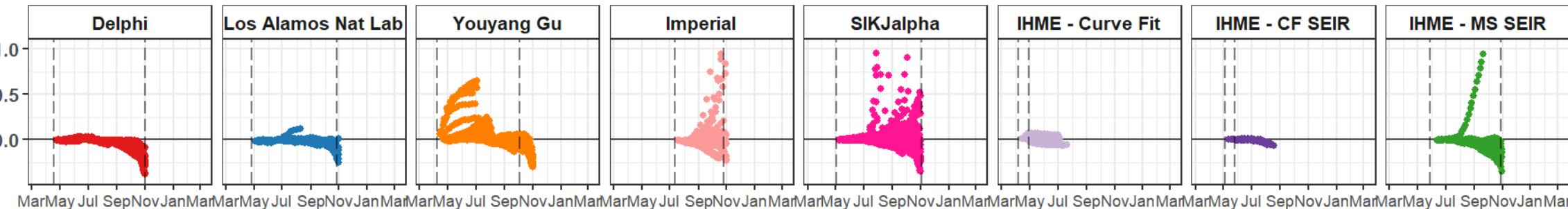
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

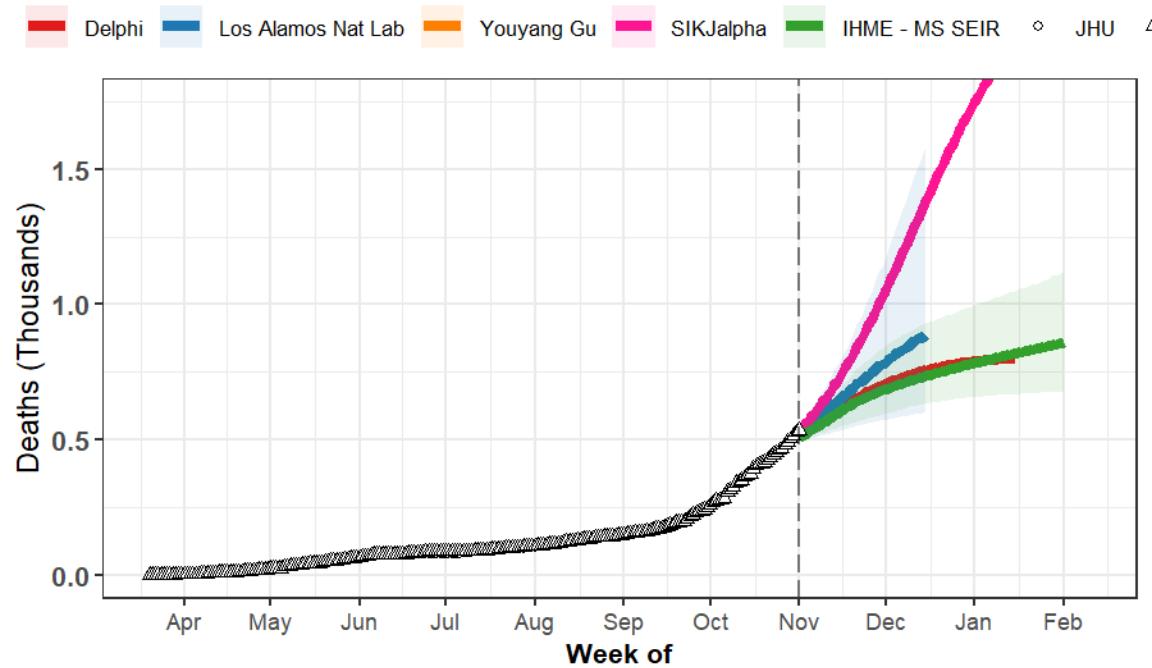


## All Cumulative Errors

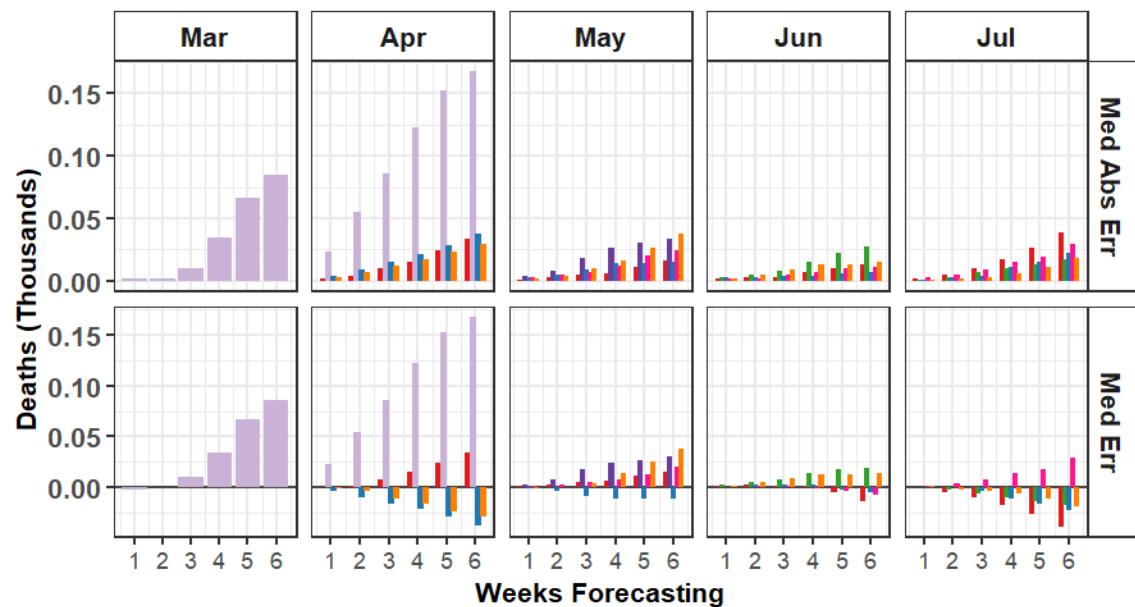


# North Dakota

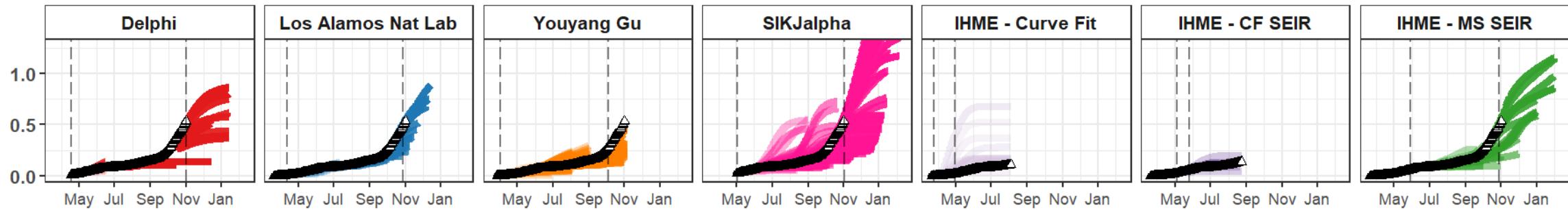
## Current Forecast



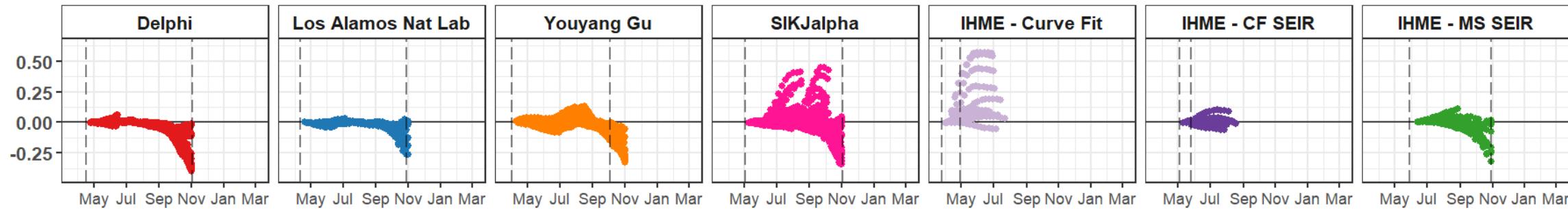
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



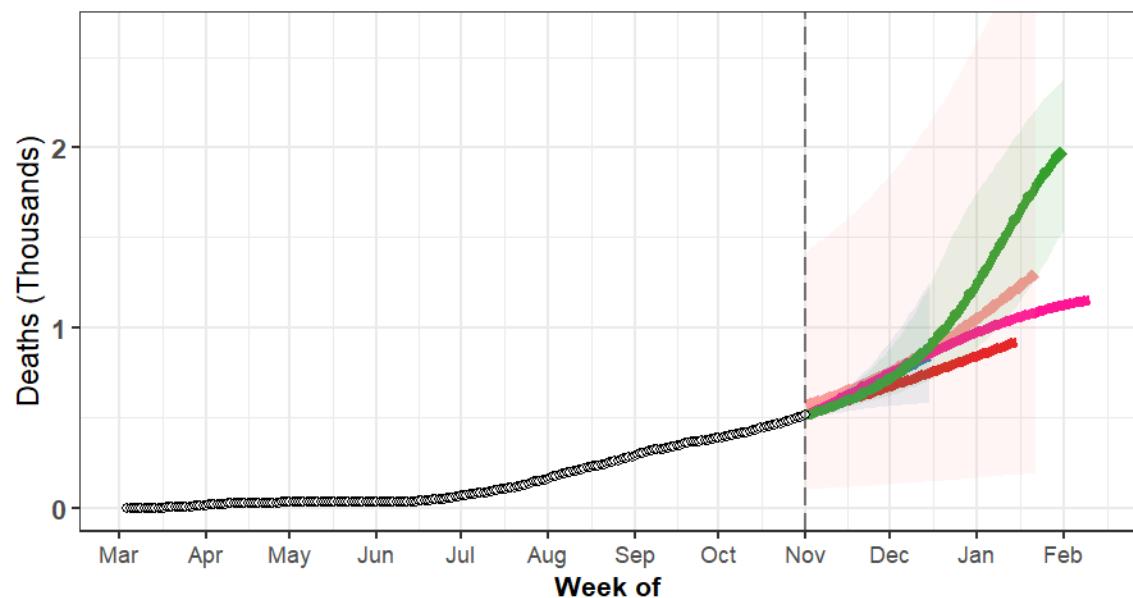
## All Cumulative Errors



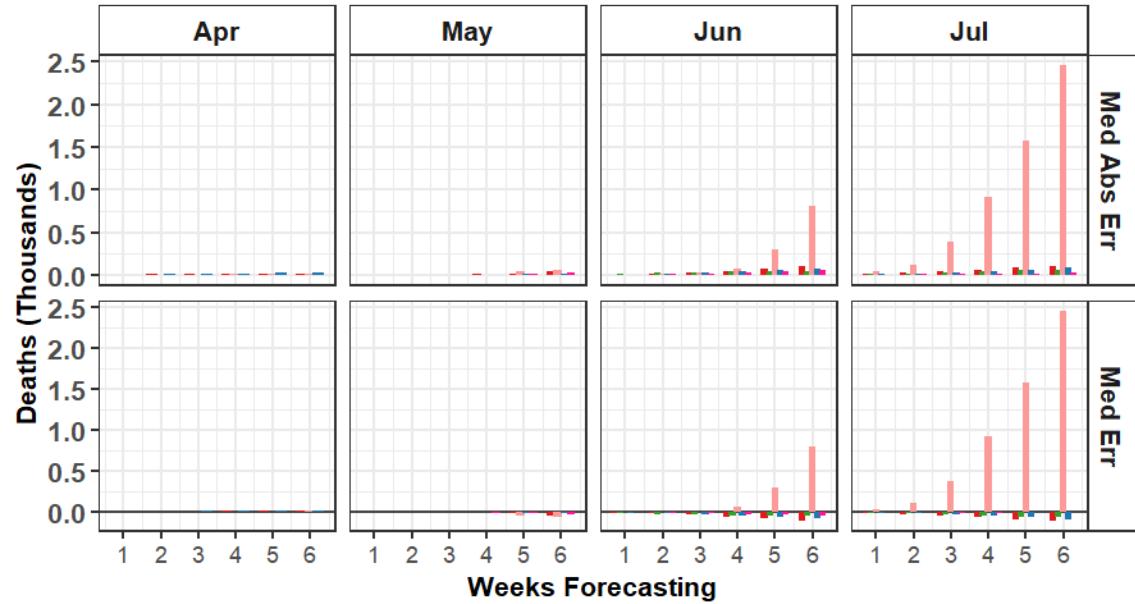
# Albania

## Current Forecast

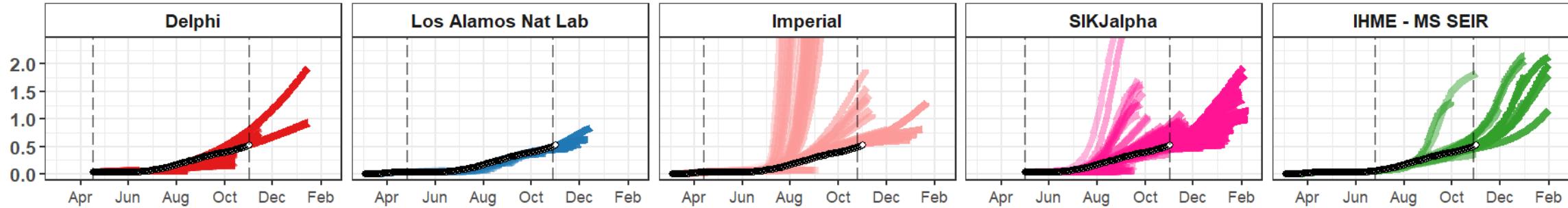
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



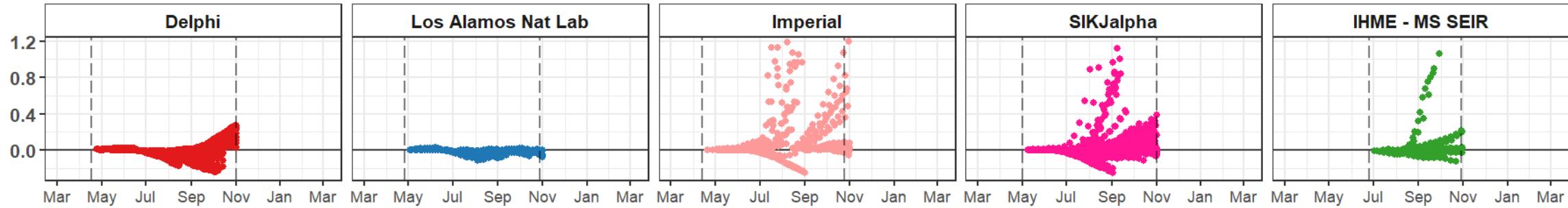
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

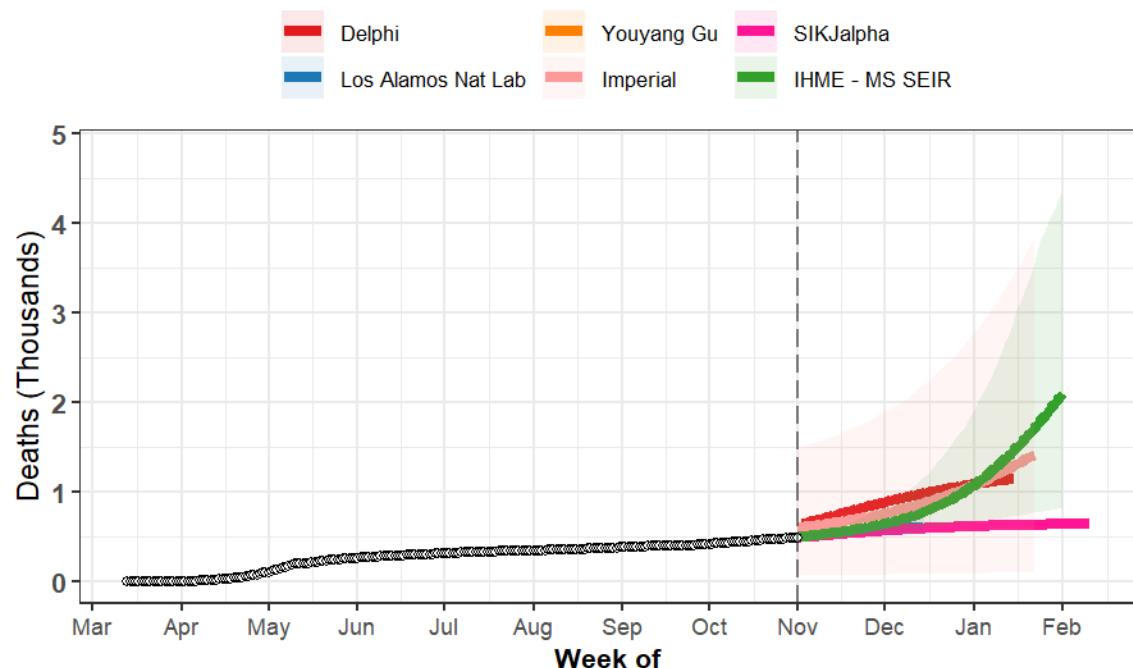


## All Cumulative Errors

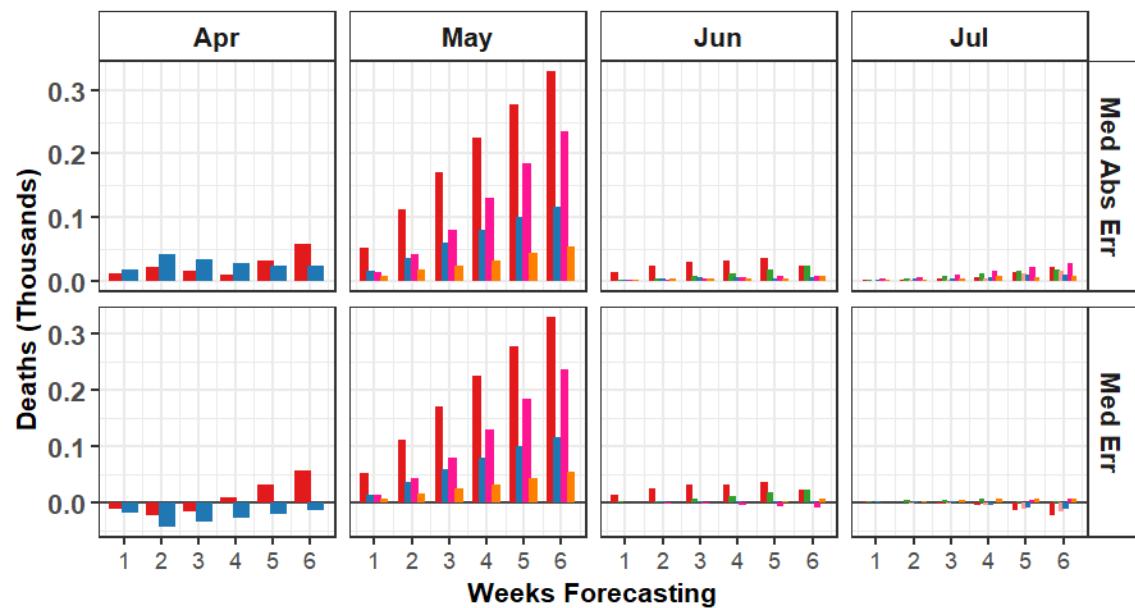


# United Arab Emirates

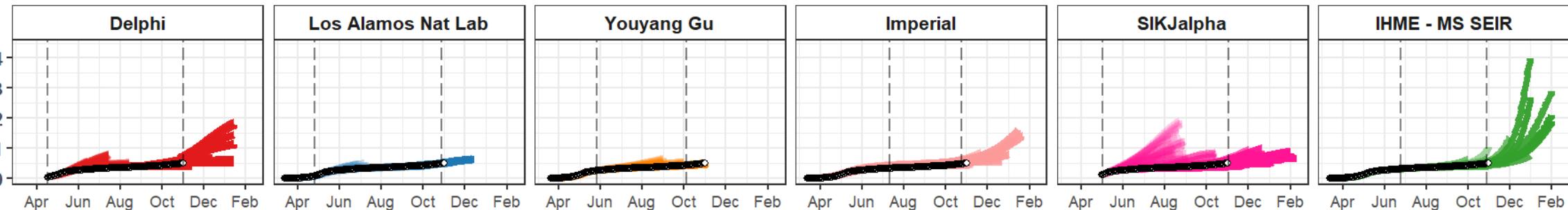
## Current Forecast



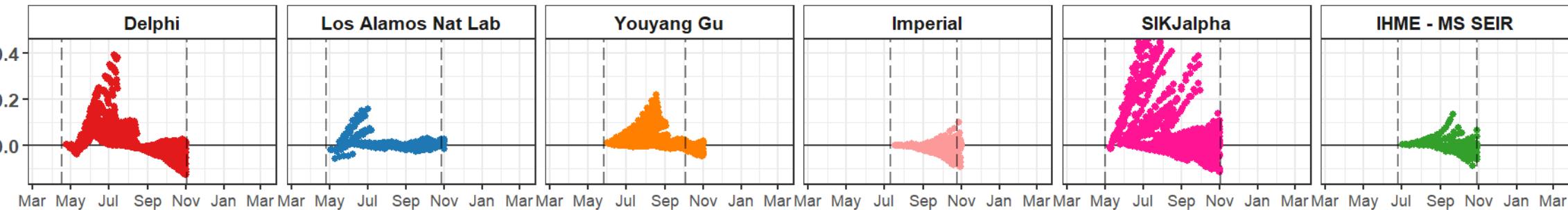
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

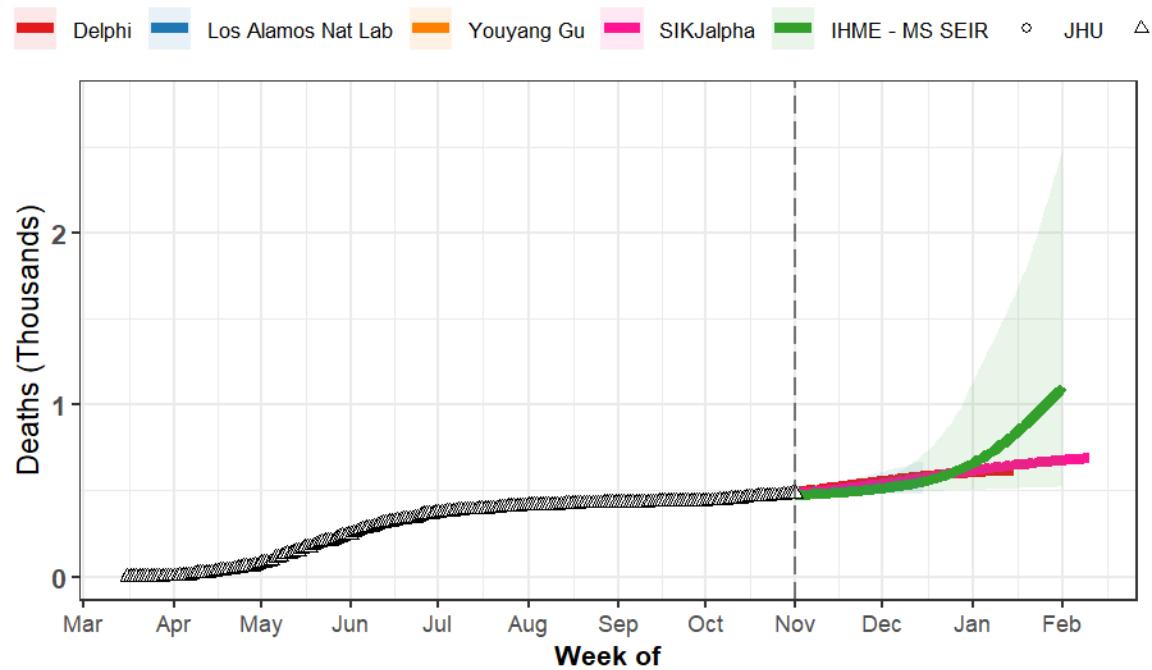


## All Cumulative Errors

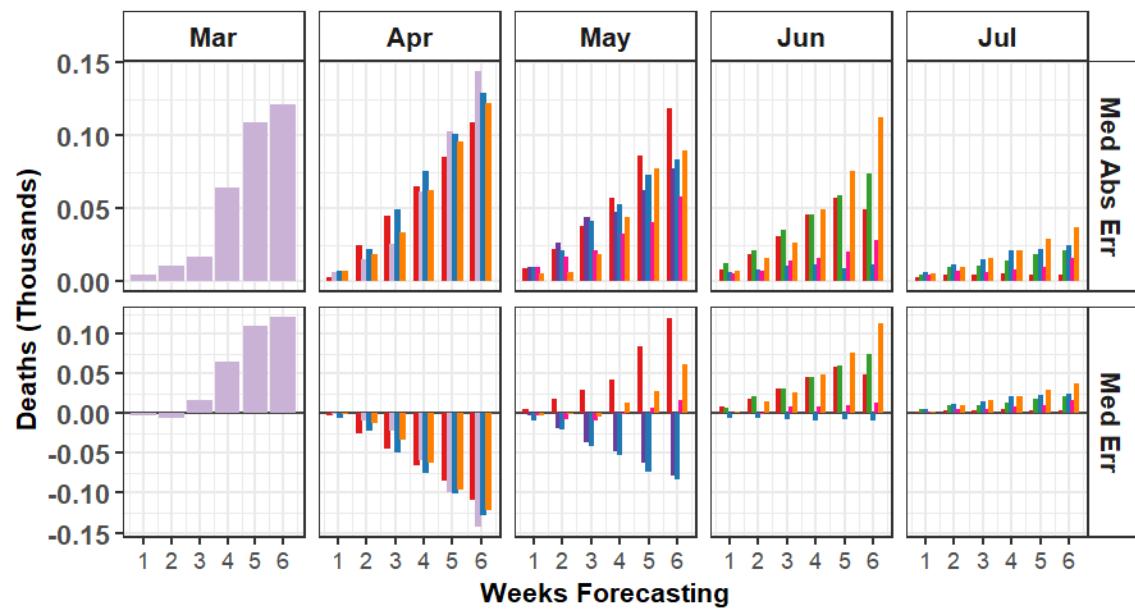


# New Hampshire

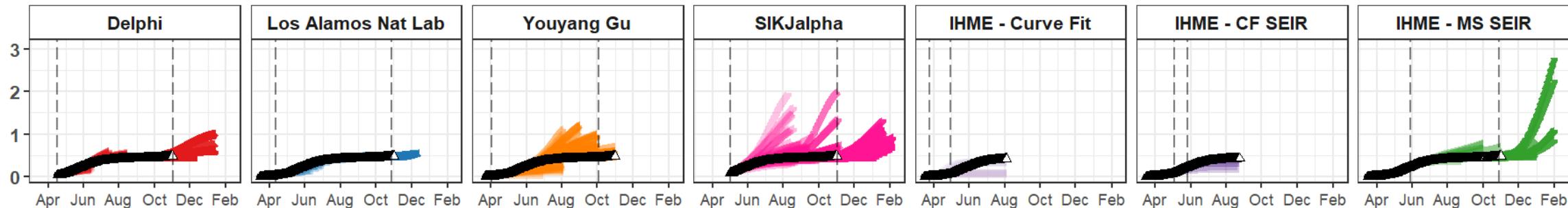
## Current Forecast



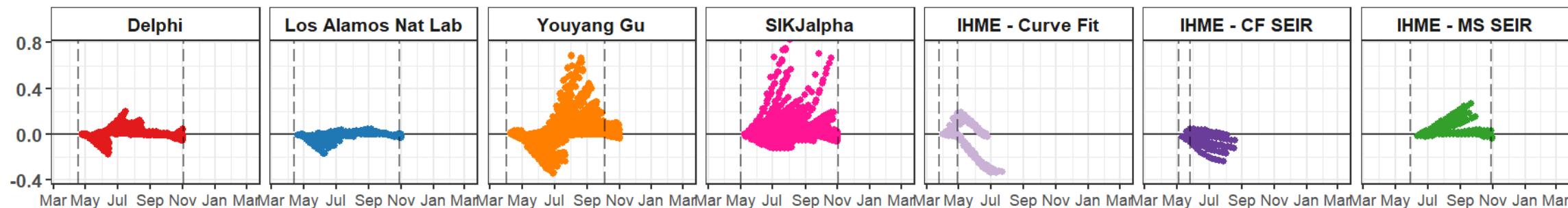
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



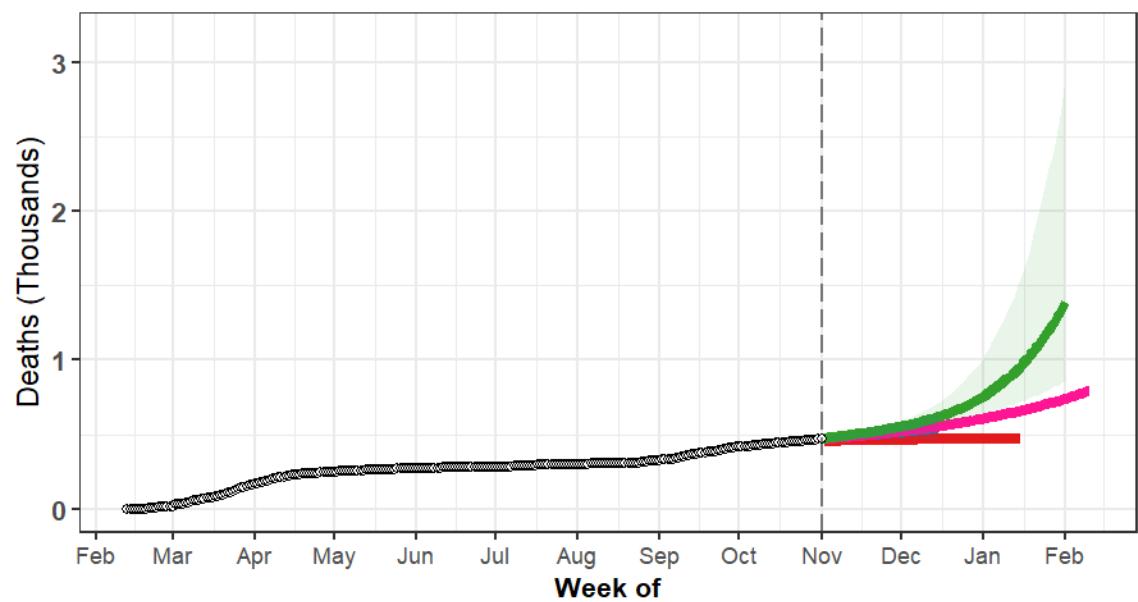
## All Cumulative Errors



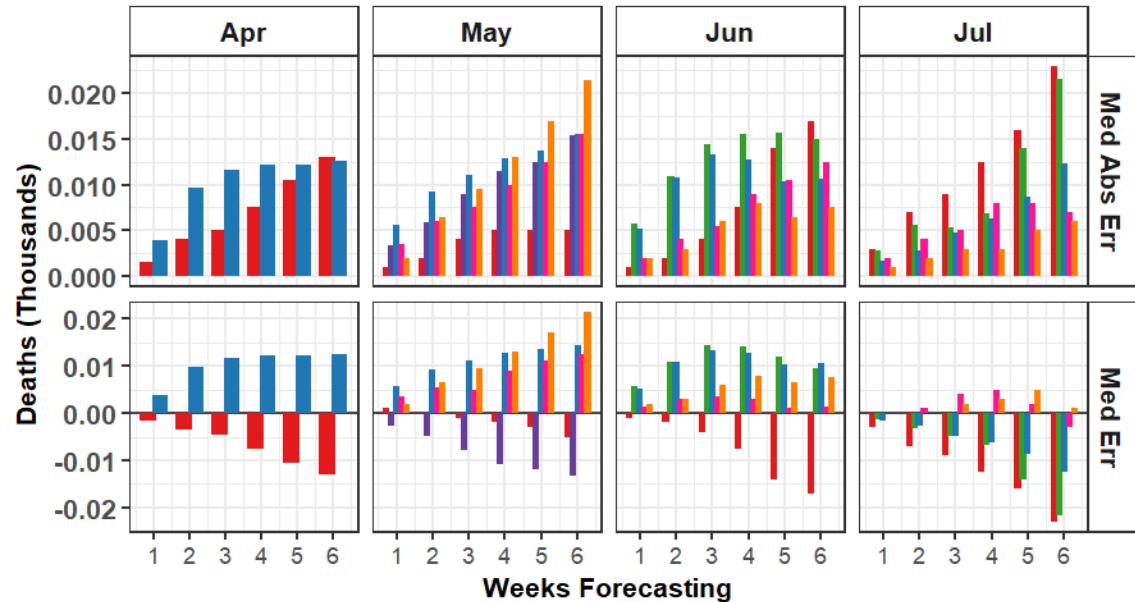
# South Korea

## Current Forecast

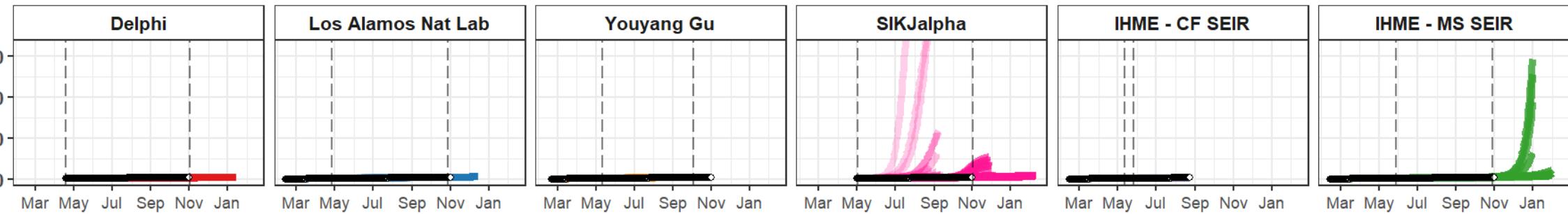
Delphi   Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR



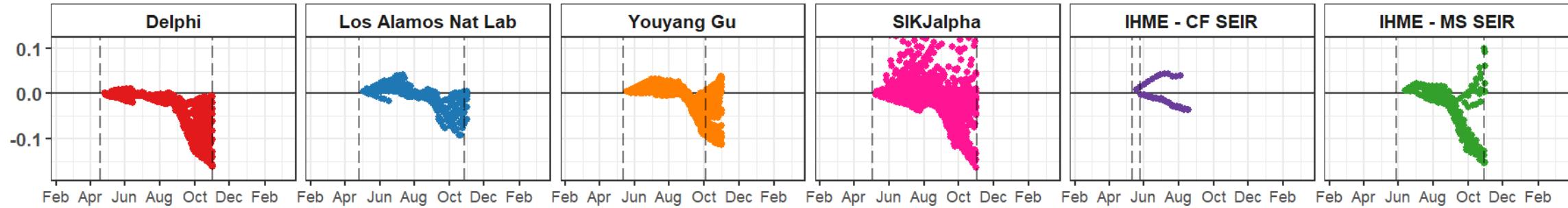
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

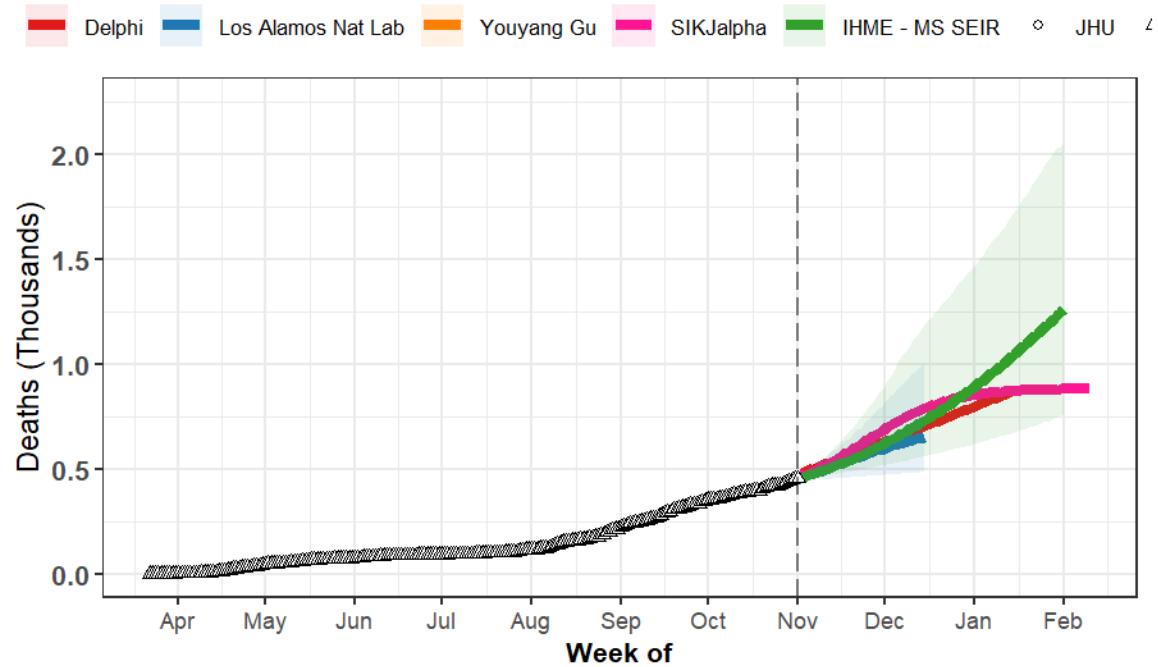


## All Cumulative Errors

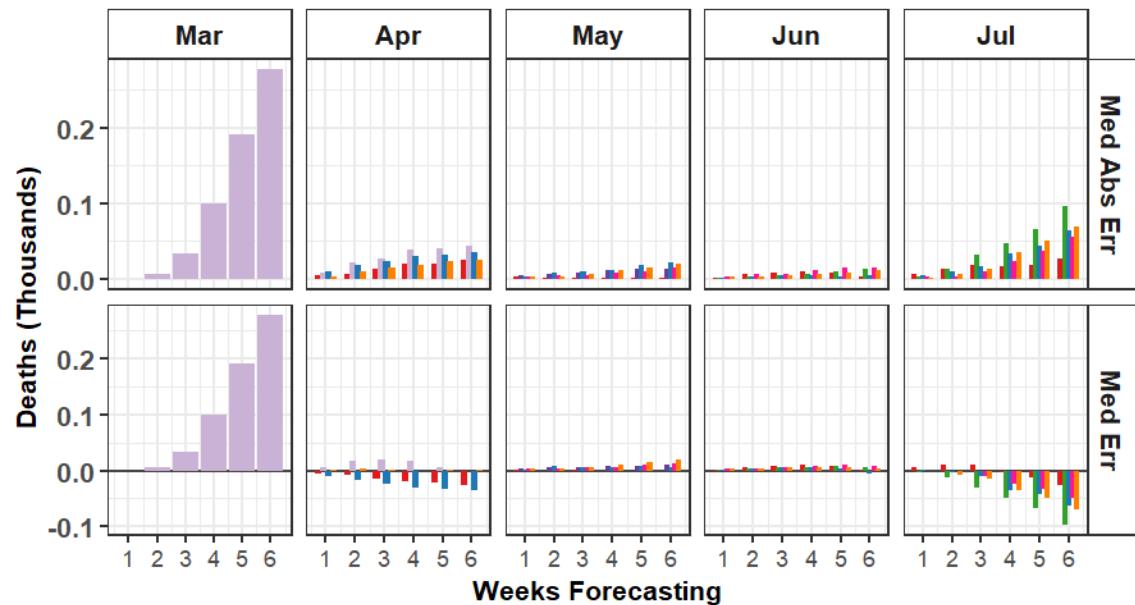


# West Virginia

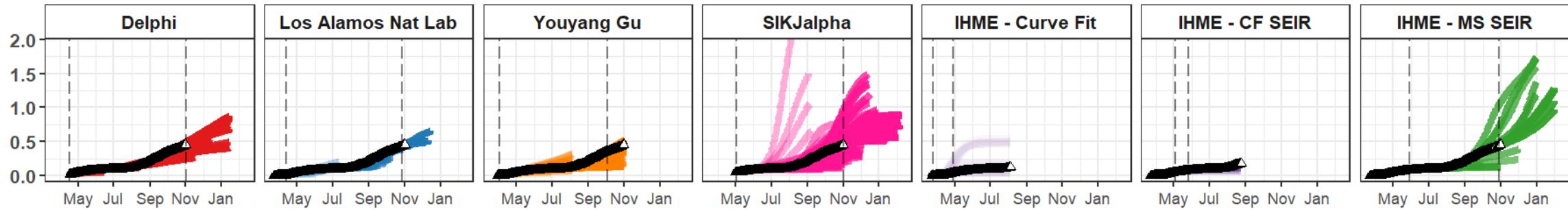
## Current Forecast



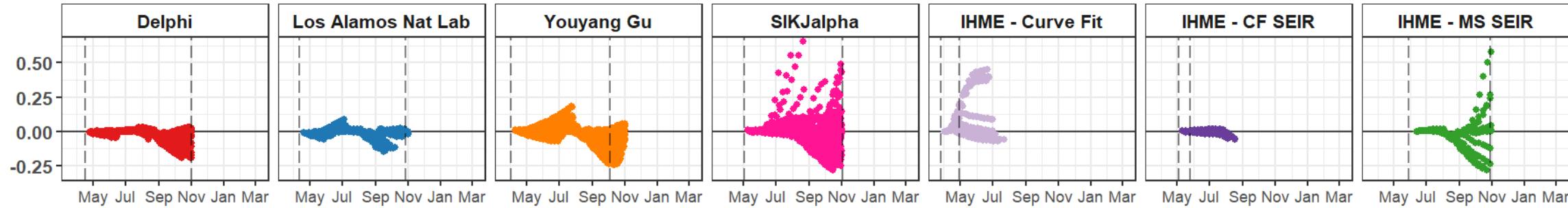
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

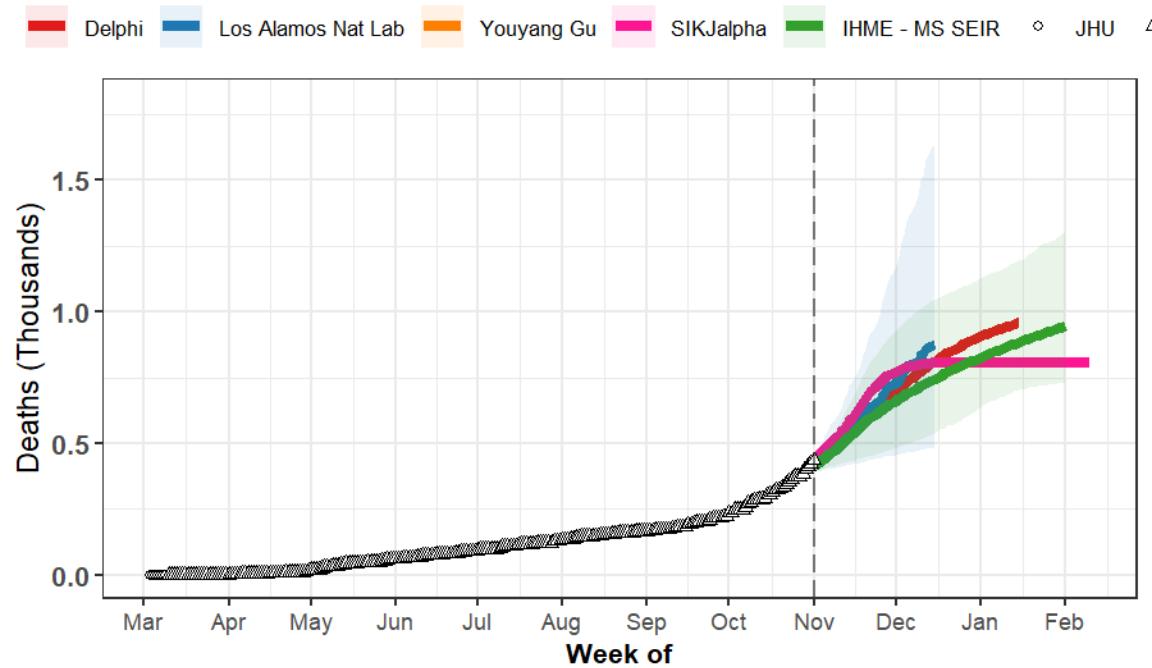


## All Cumulative Errors

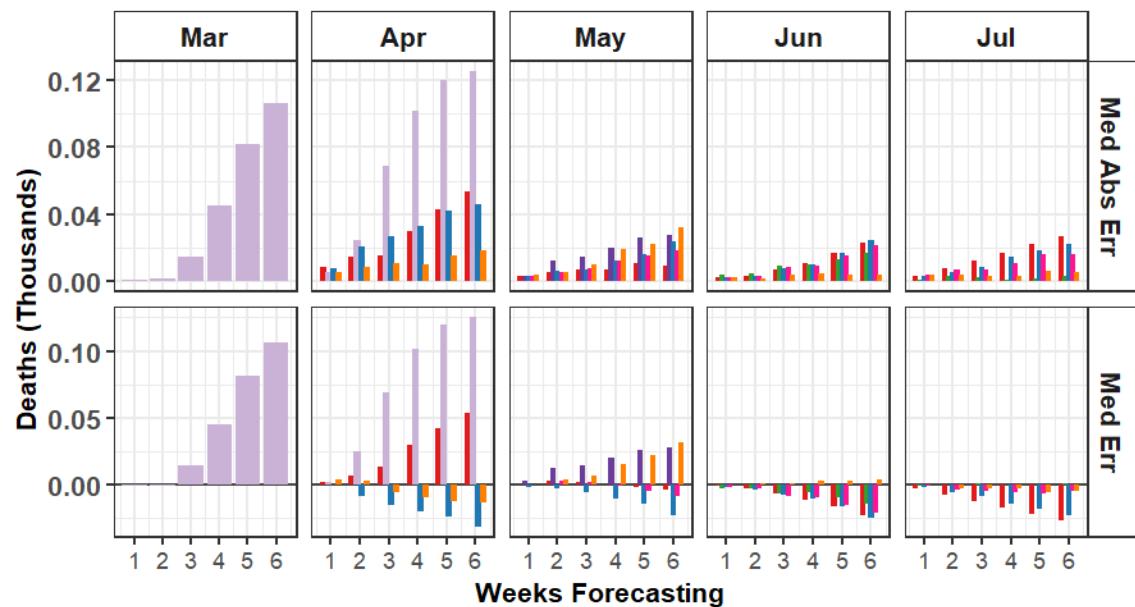


# South Dakota

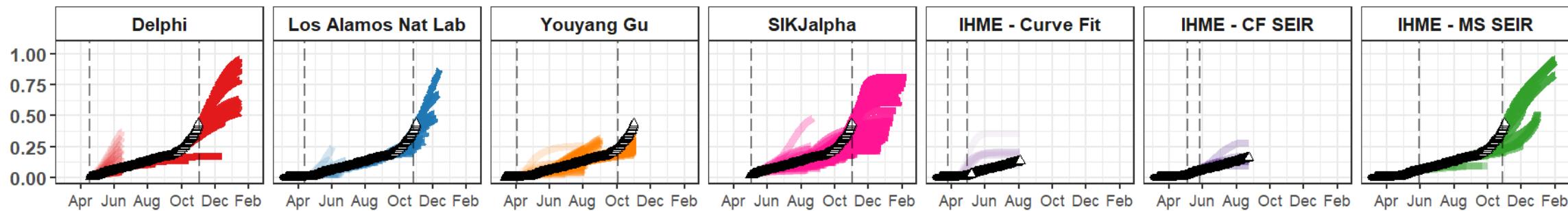
## Current Forecast



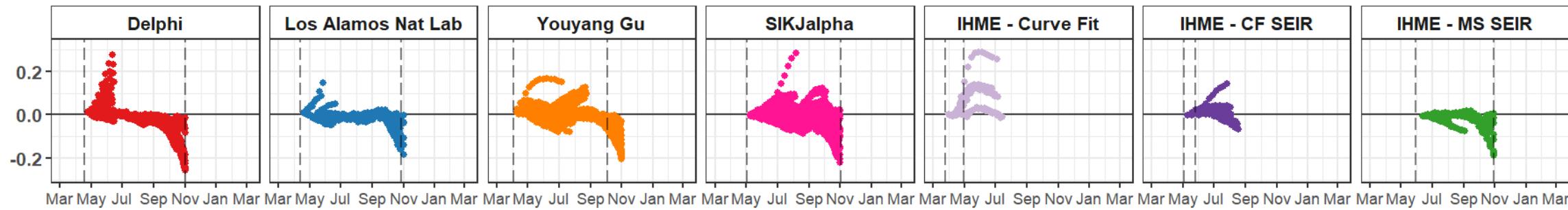
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



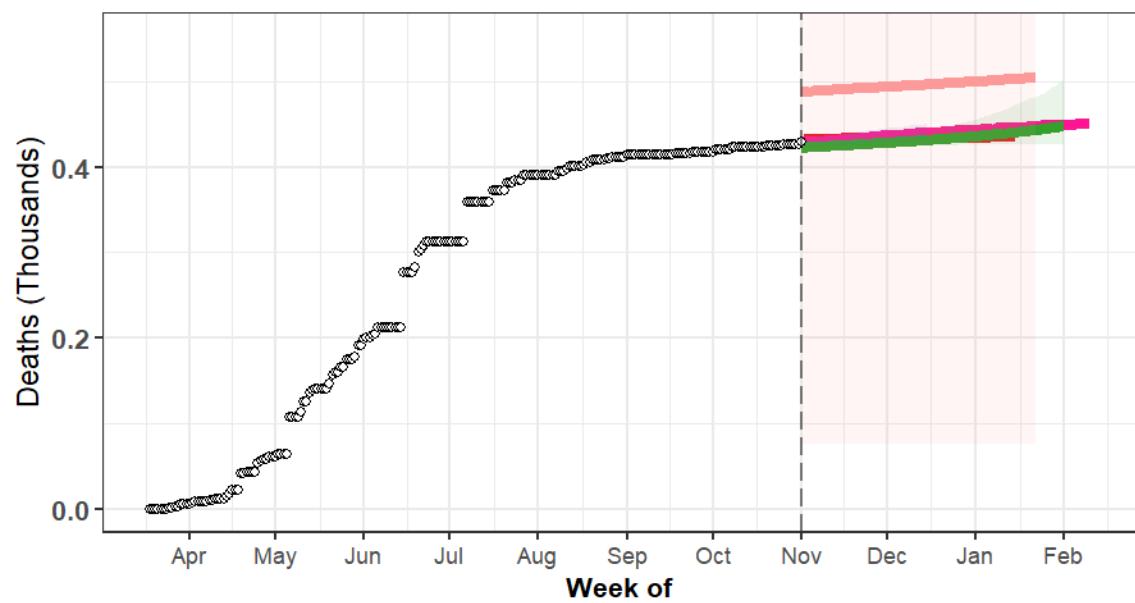
## All Cumulative Errors



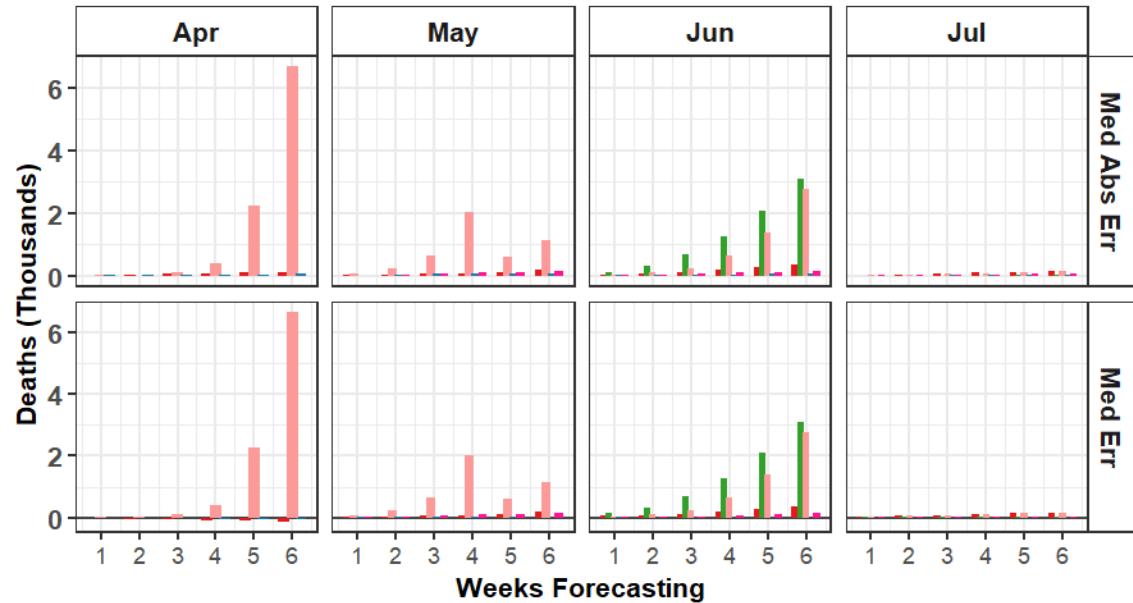
# Cameroon

## Current Forecast

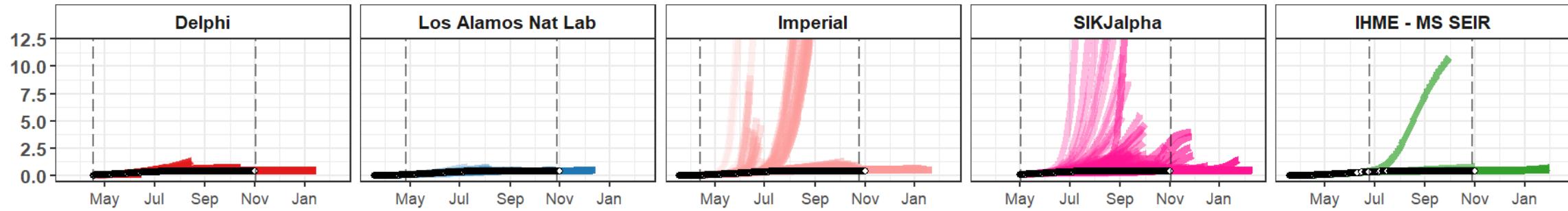
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



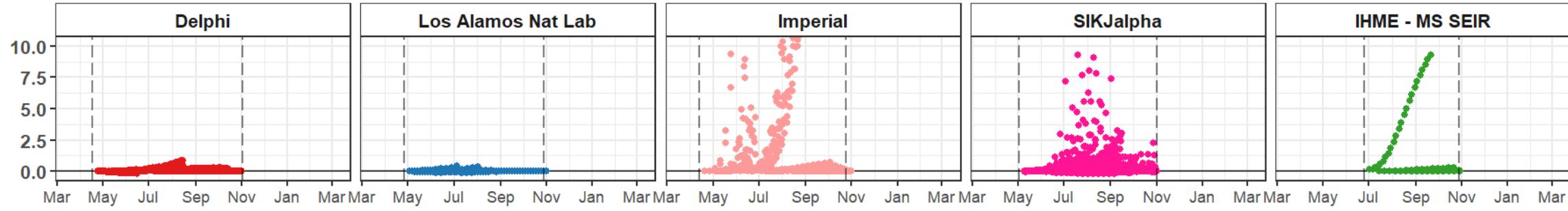
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

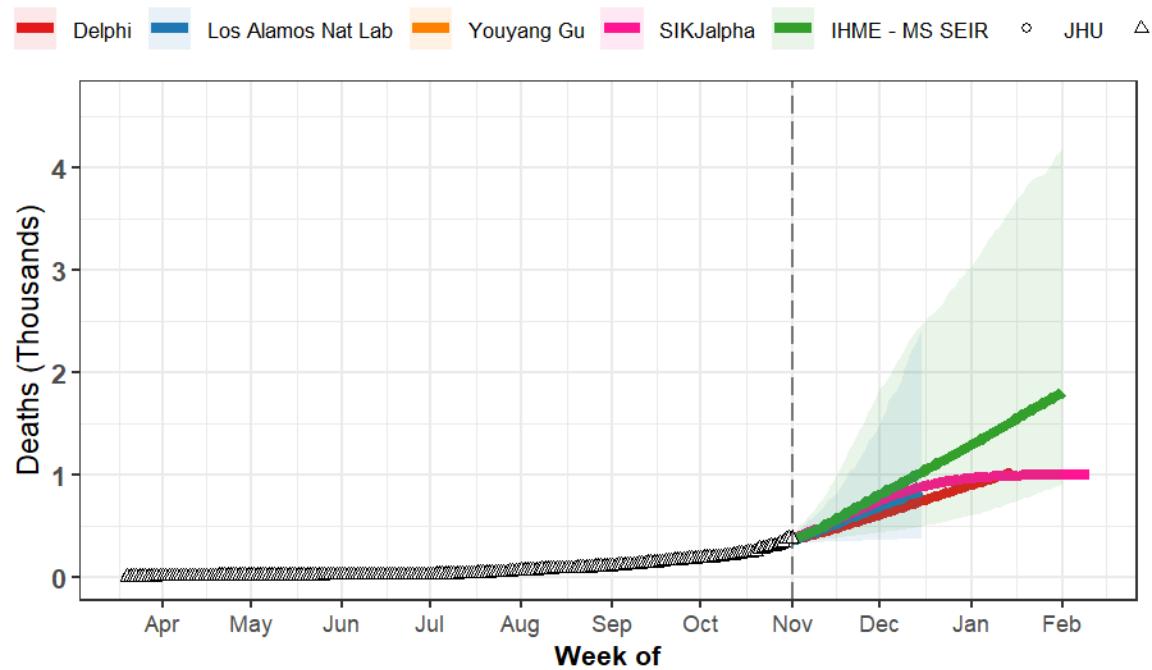


## All Cumulative Errors

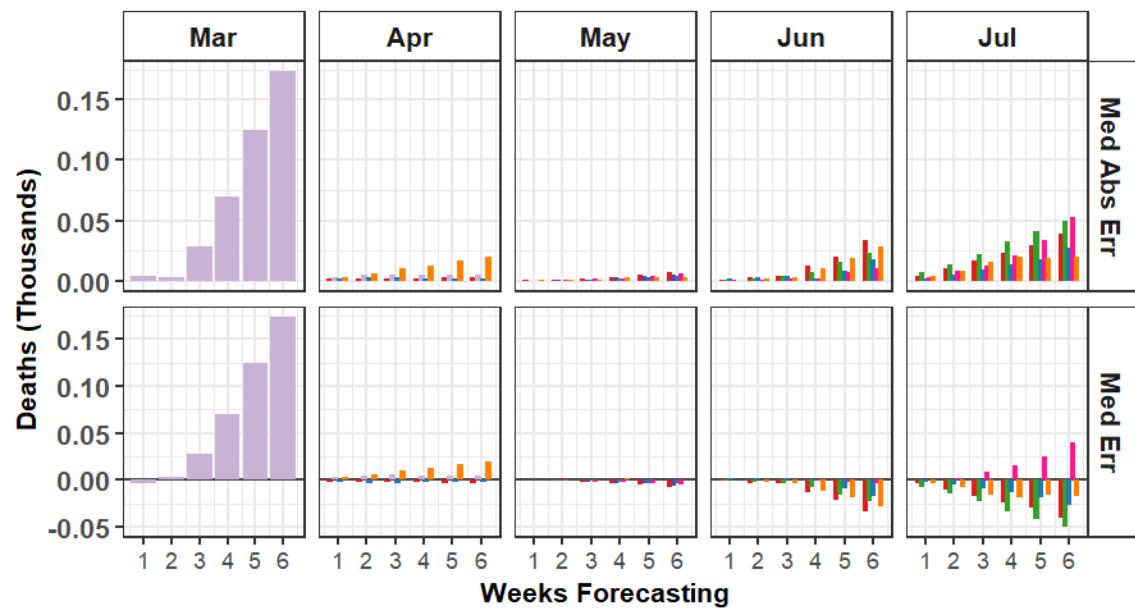


# Montana

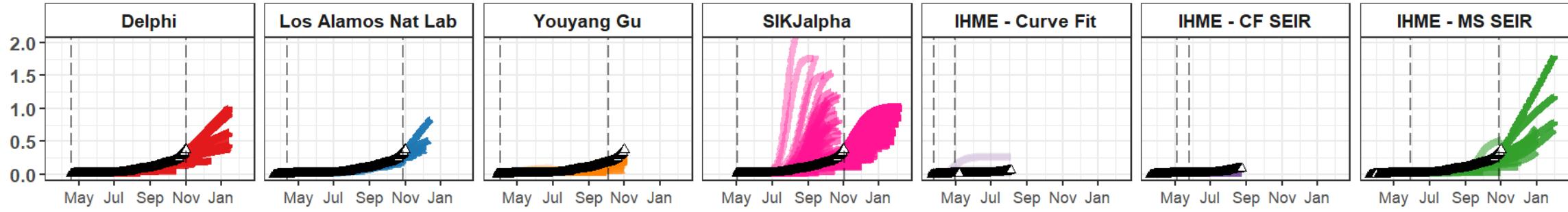
## Current Forecast



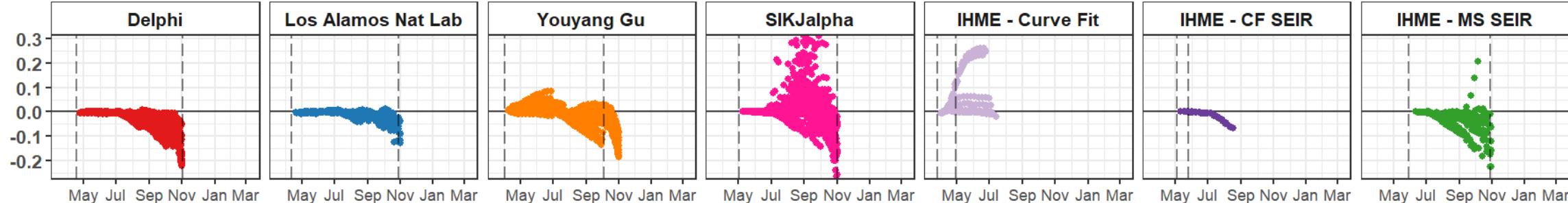
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

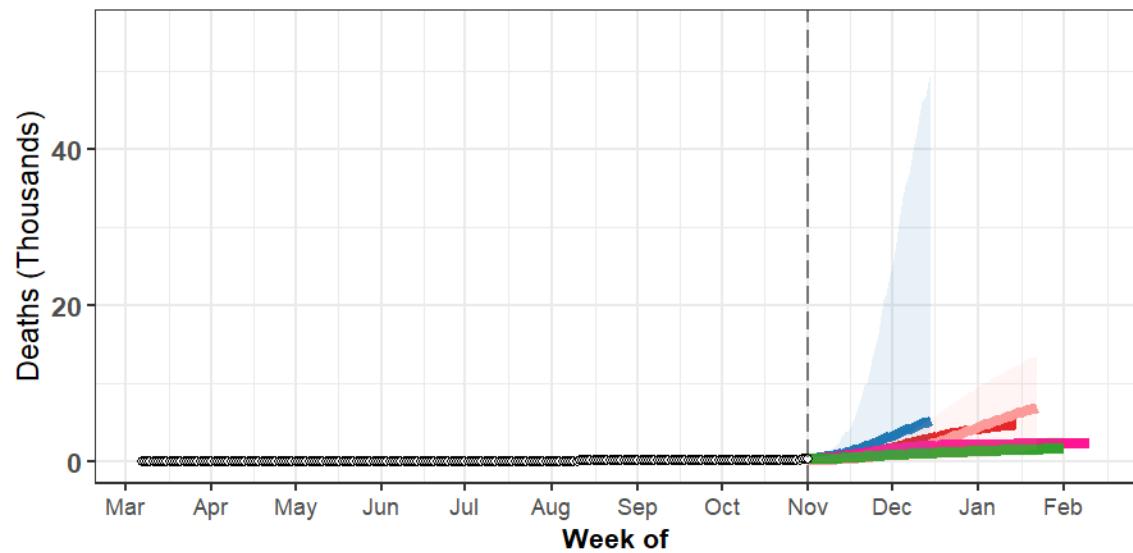


## All Cumulative Errors

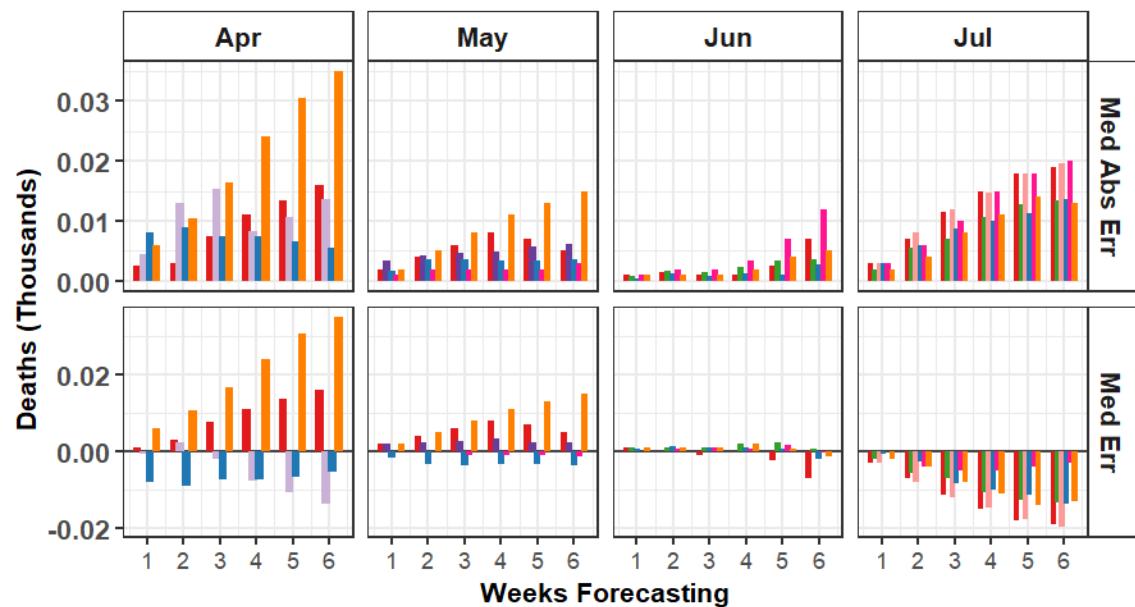


# Slovenia

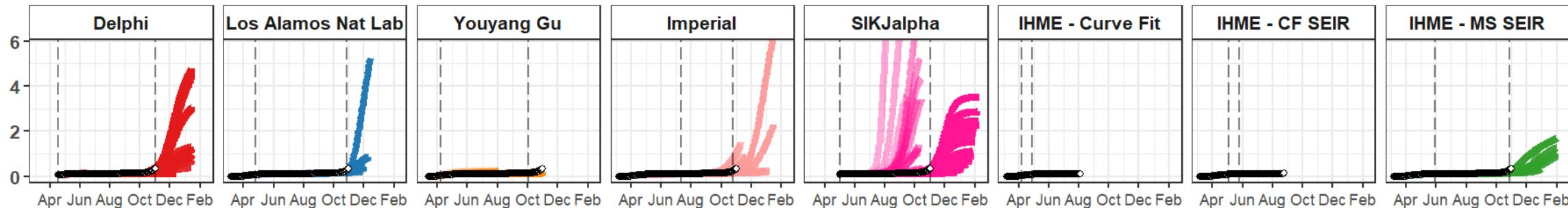
## Current Forecast



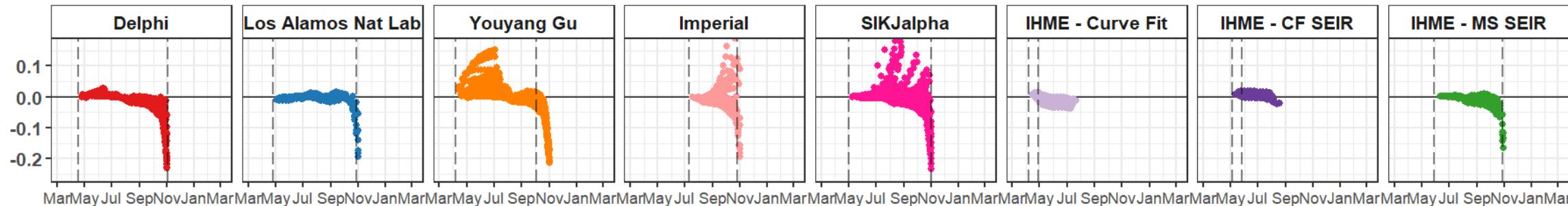
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

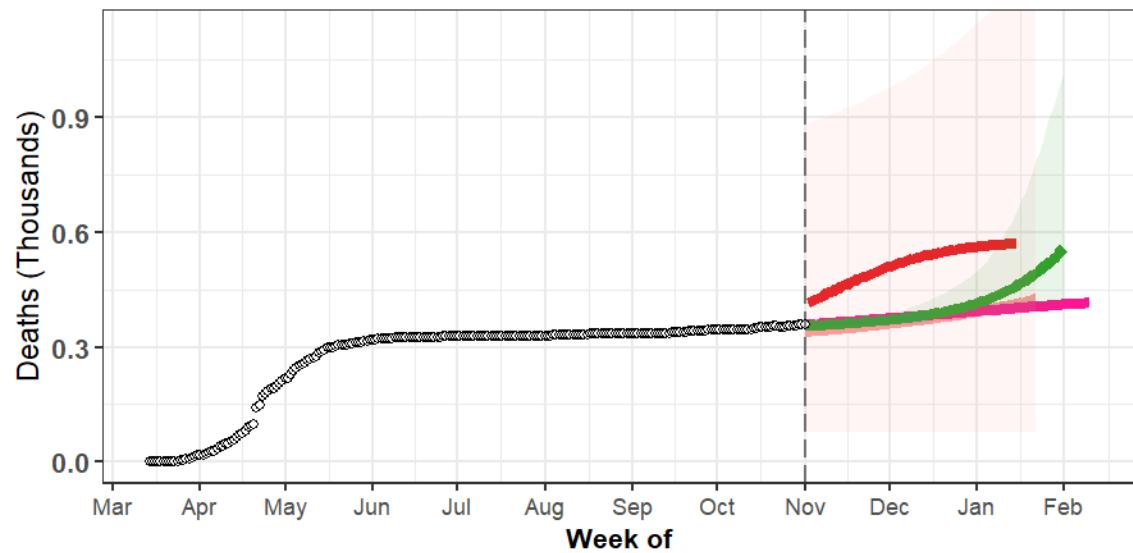


## All Cumulative Errors

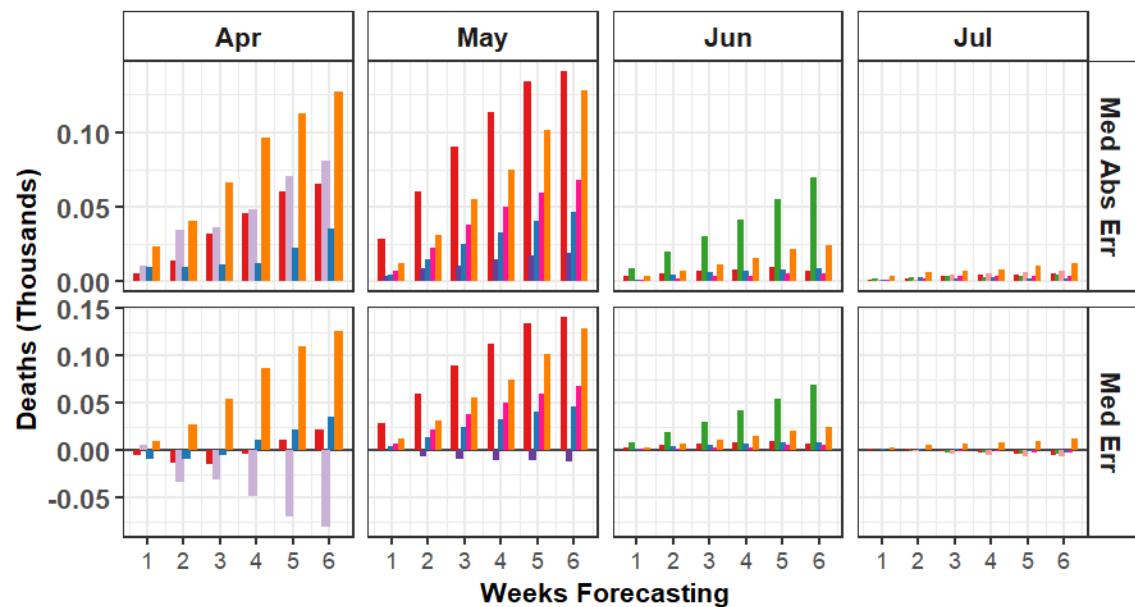


# Finland

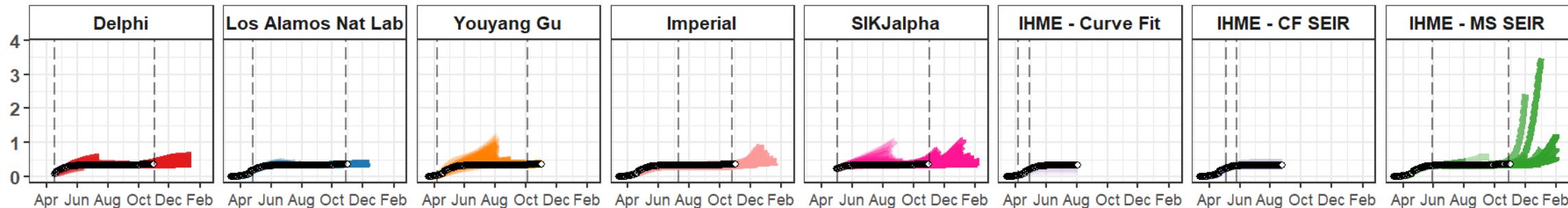
## Current Forecast



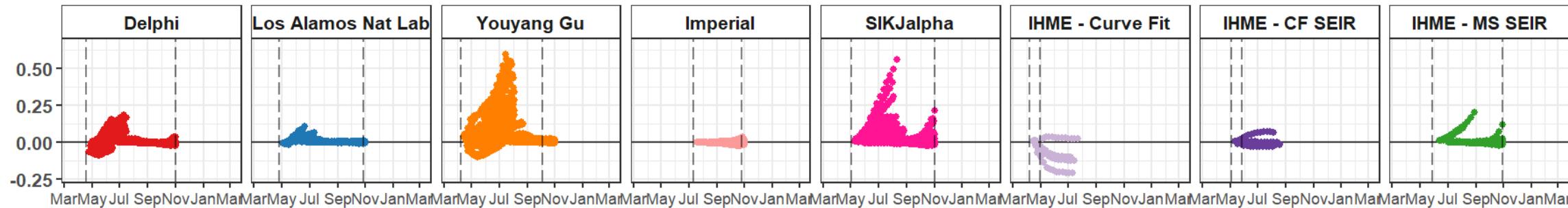
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



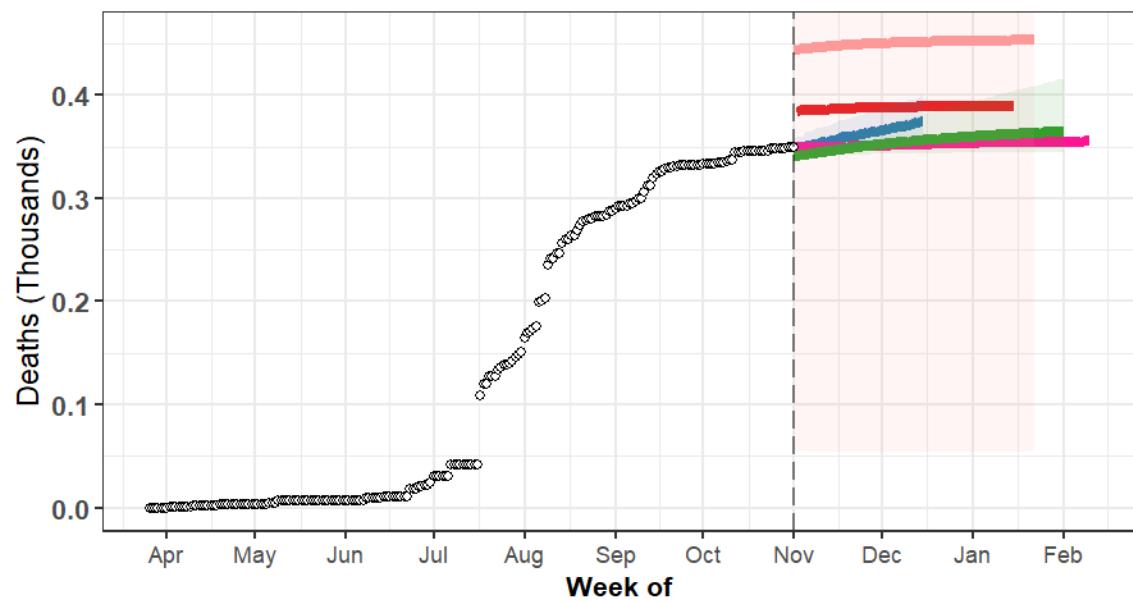
## All Cumulative Errors



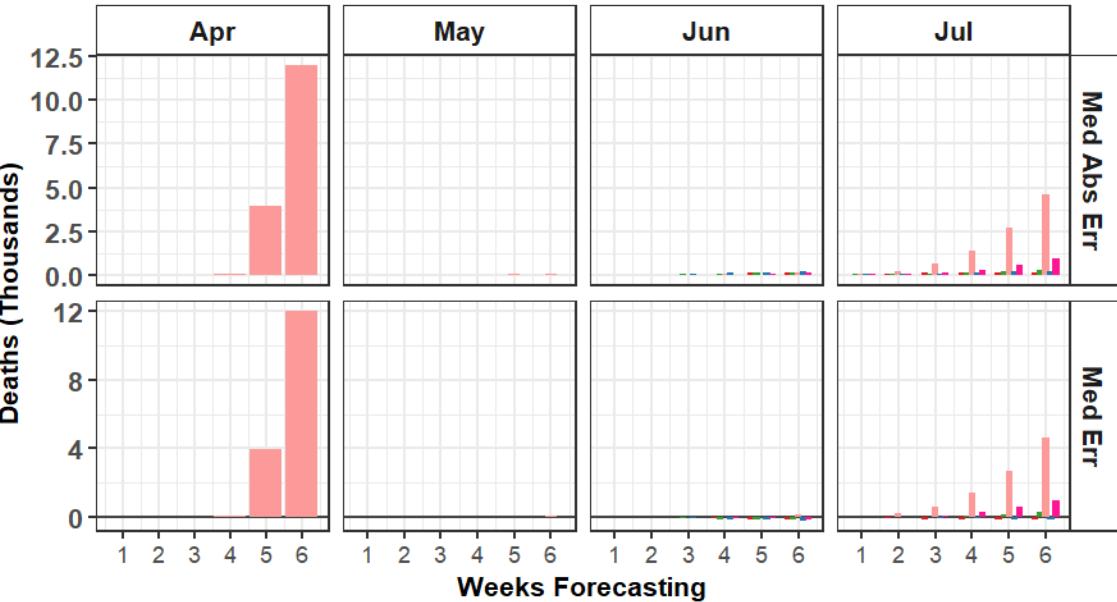
# Zambia

## Current Forecast

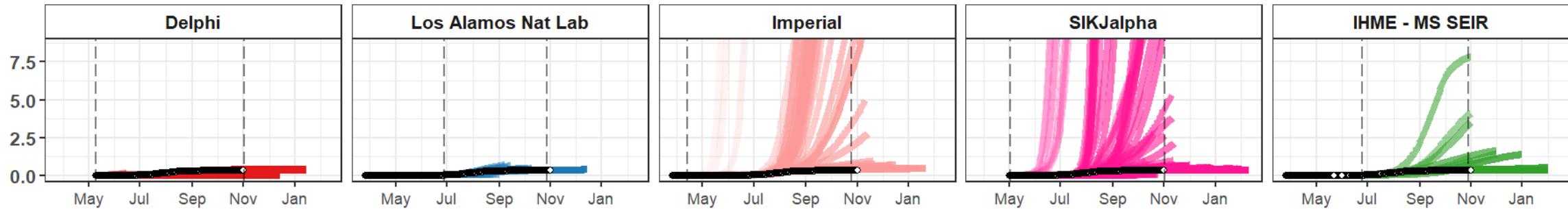
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



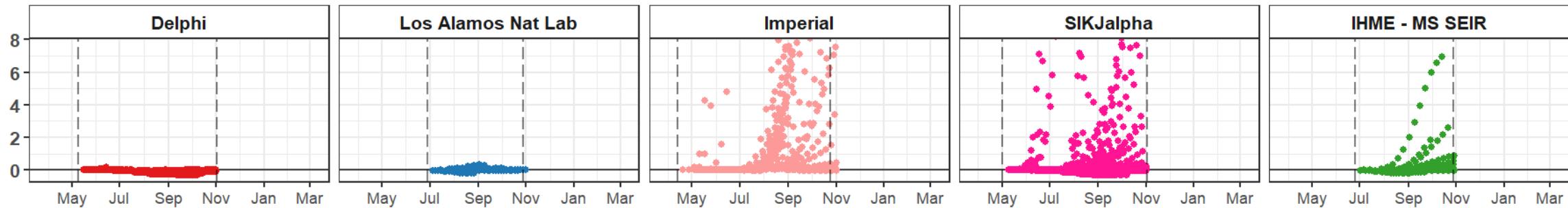
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



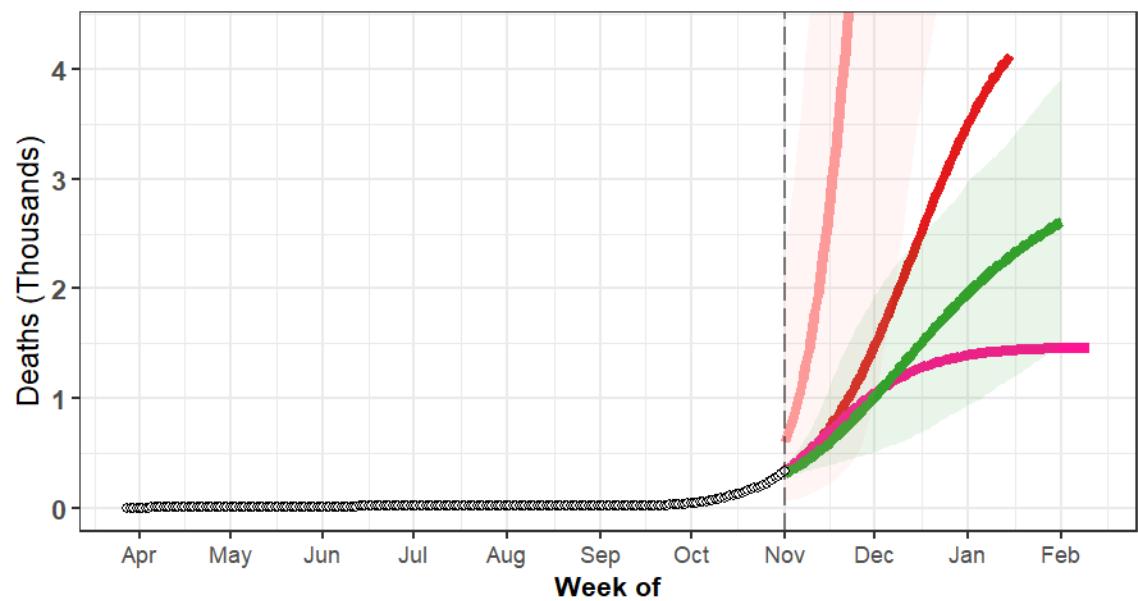
## All Cumulative Errors



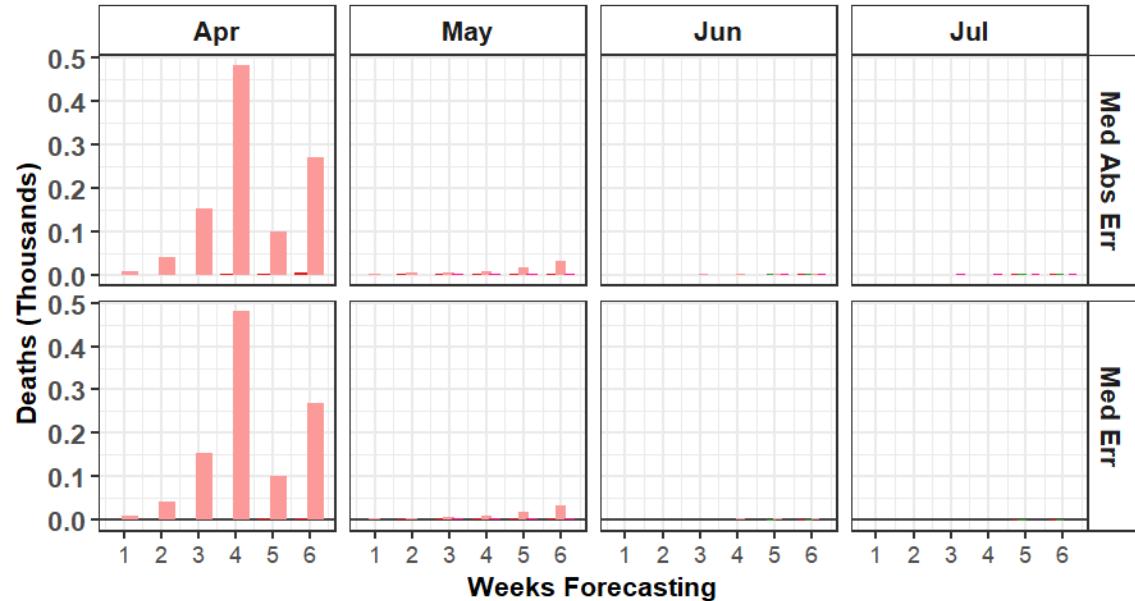
# Georgia (Country)

## Current Forecast

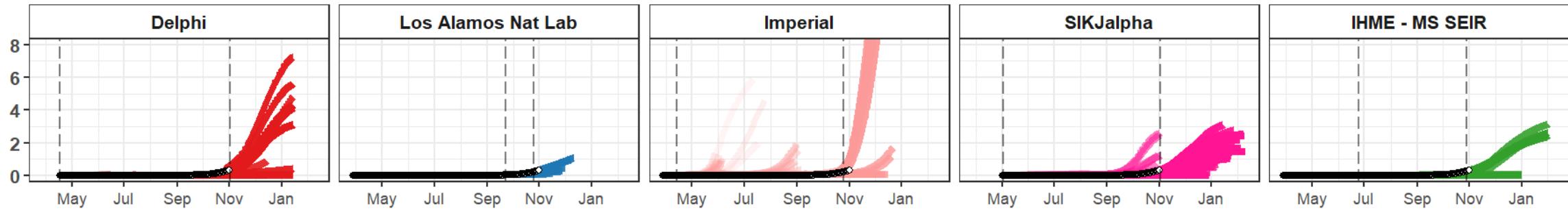
Delphi Imperial SIKJalpha IHME - MS SEIR



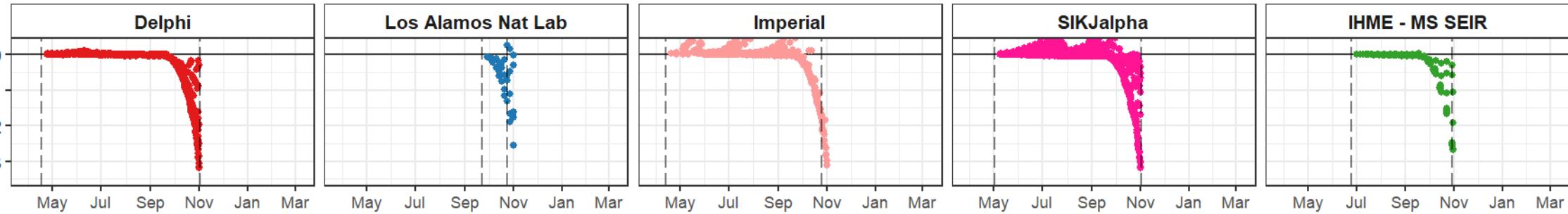
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



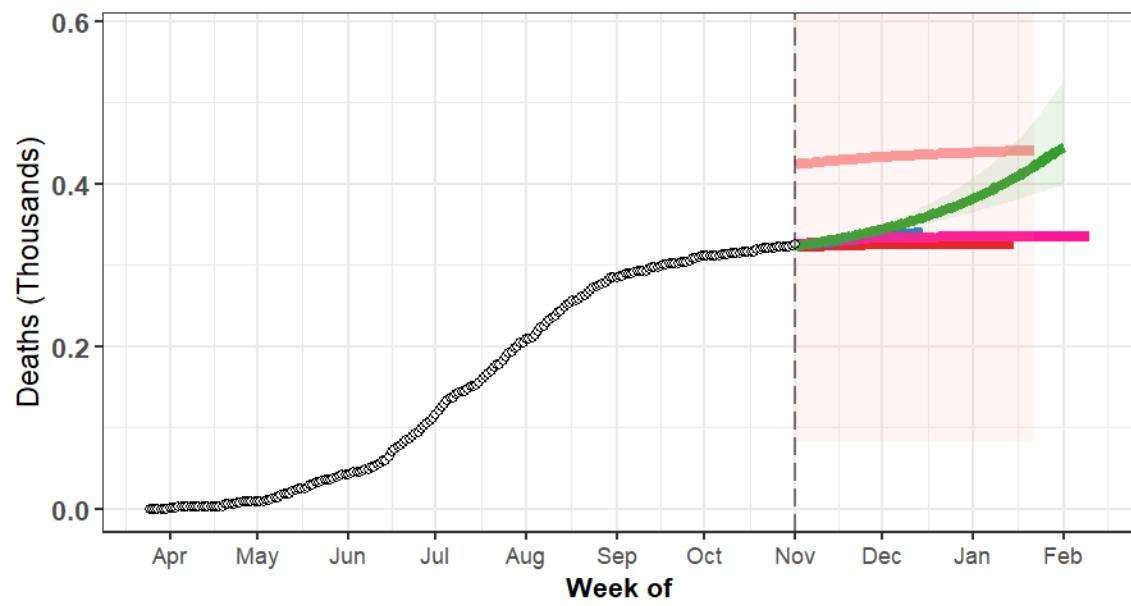
## All Cumulative Errors



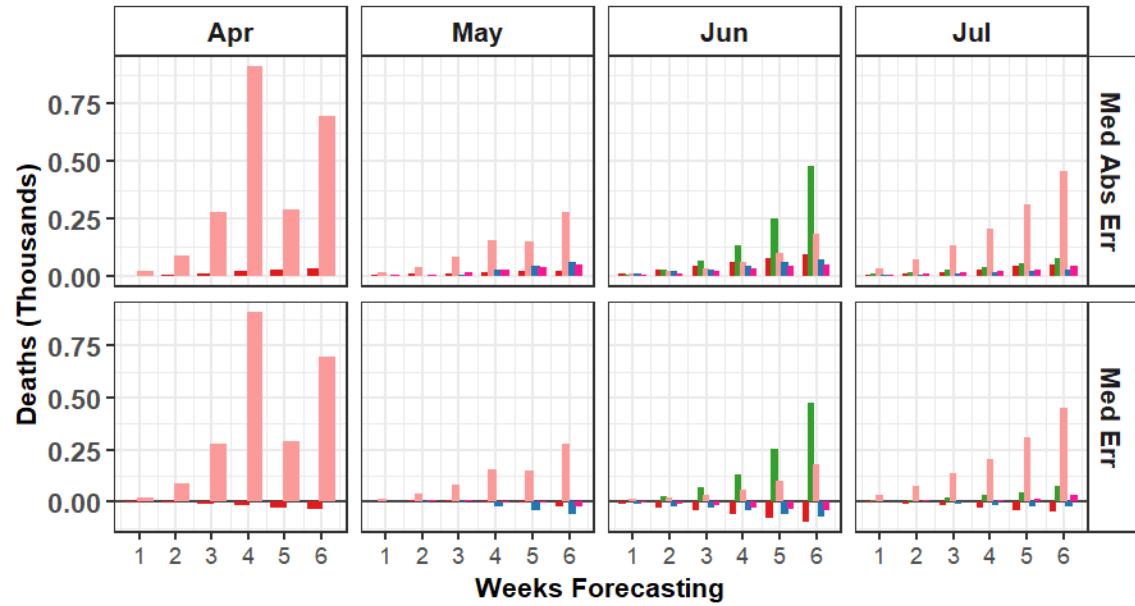
# Senegal

## Current Forecast

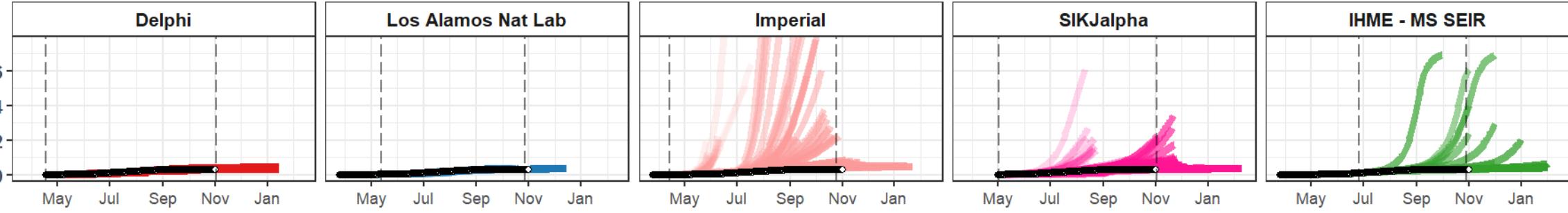
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



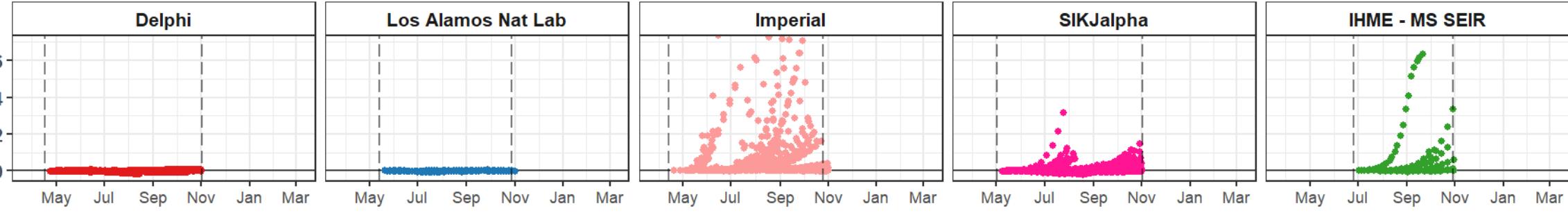
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

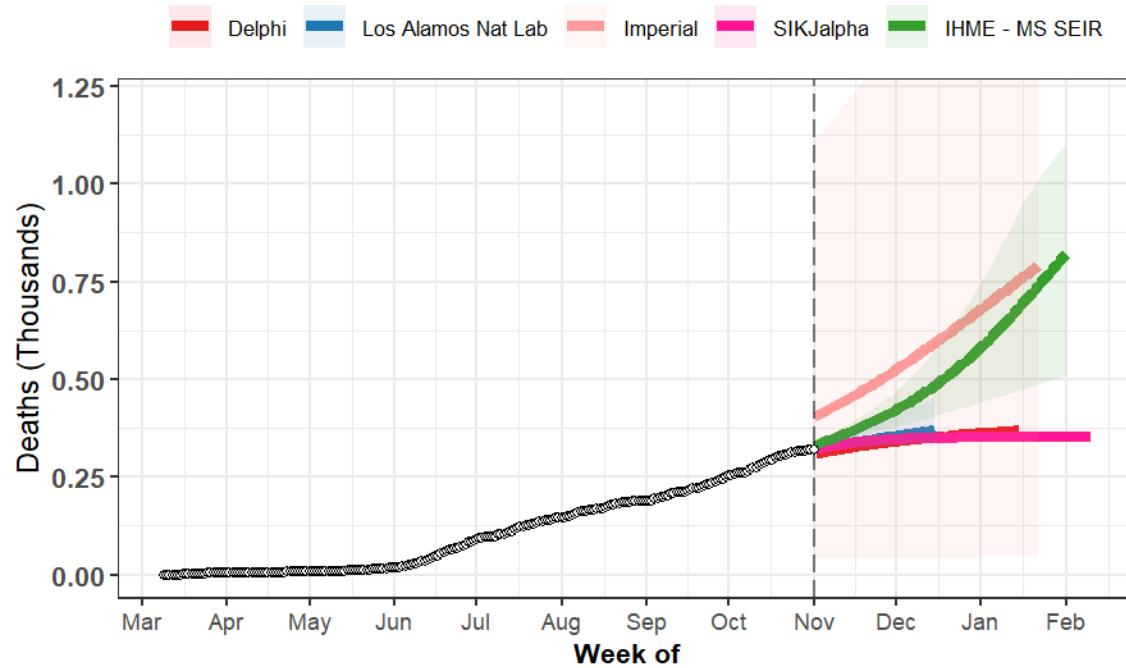


## All Cumulative Errors

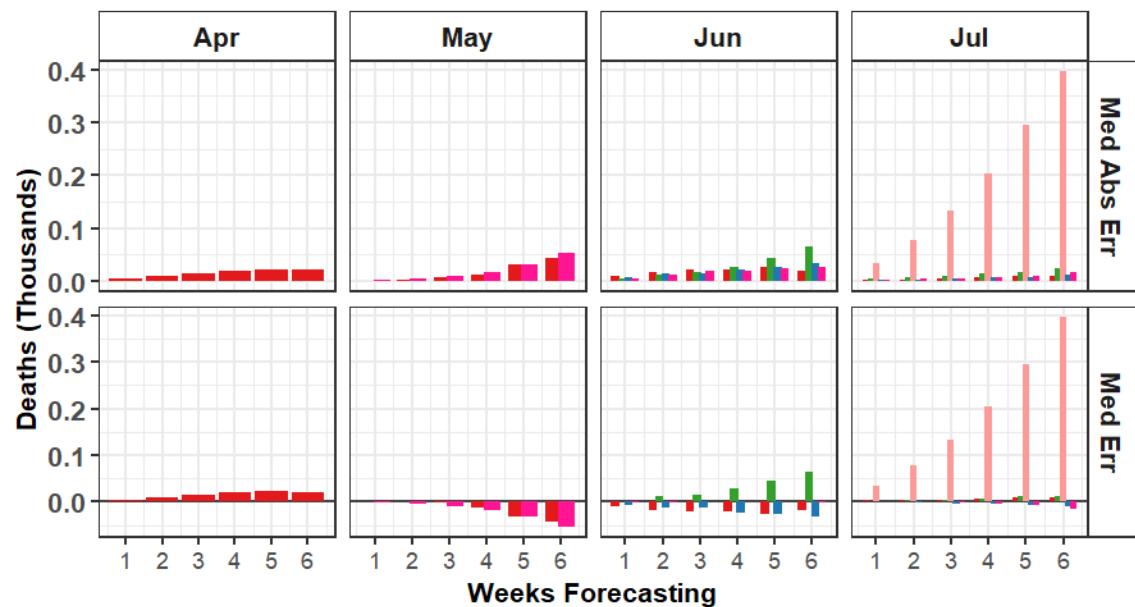


# Bahrain

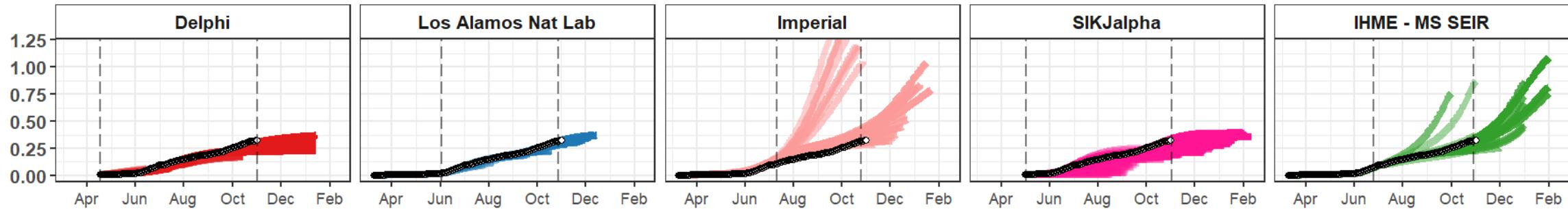
## Current Forecast



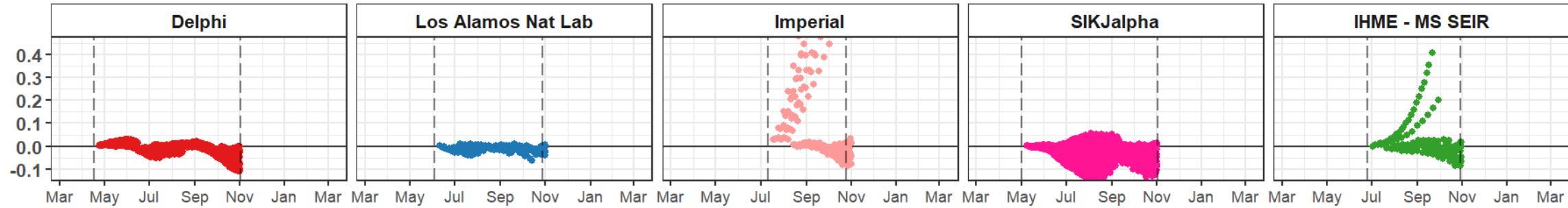
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



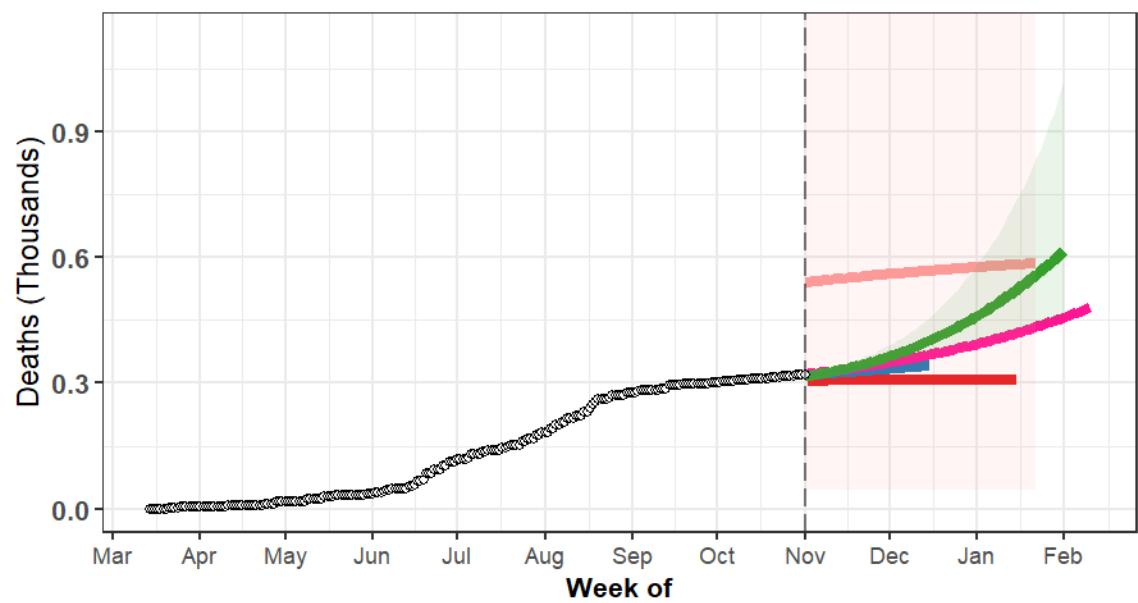
## All Cumulative Errors



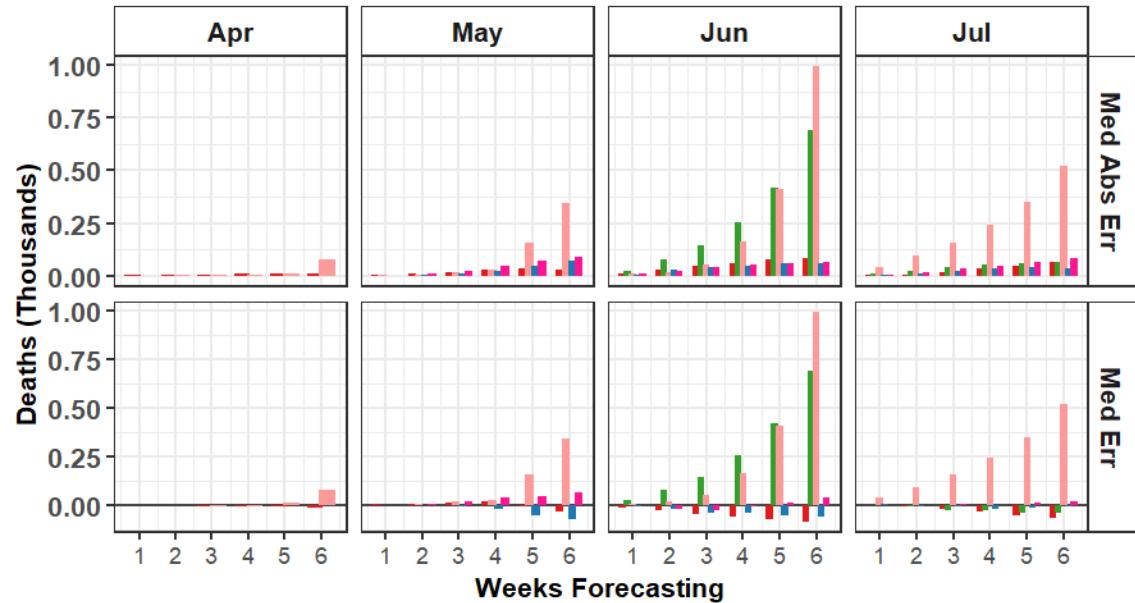
# Ghana

## Current Forecast

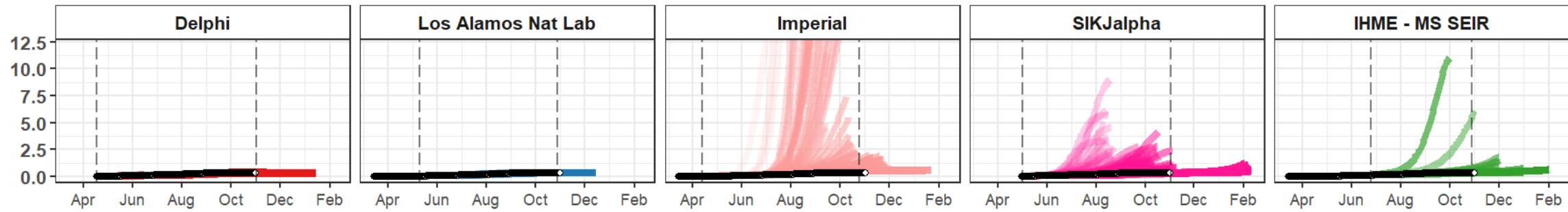
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



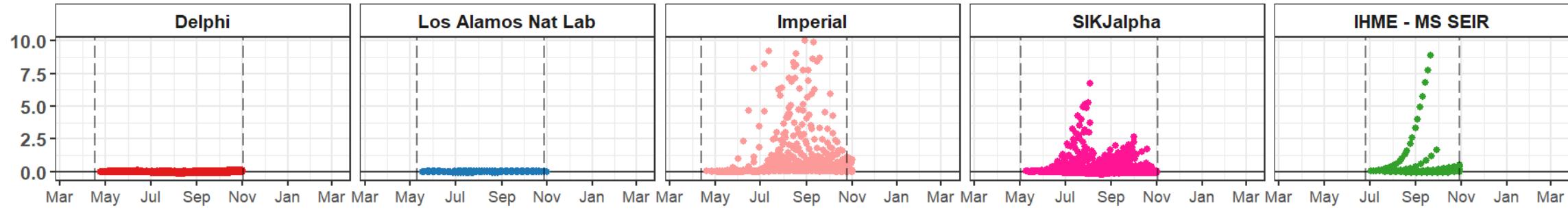
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

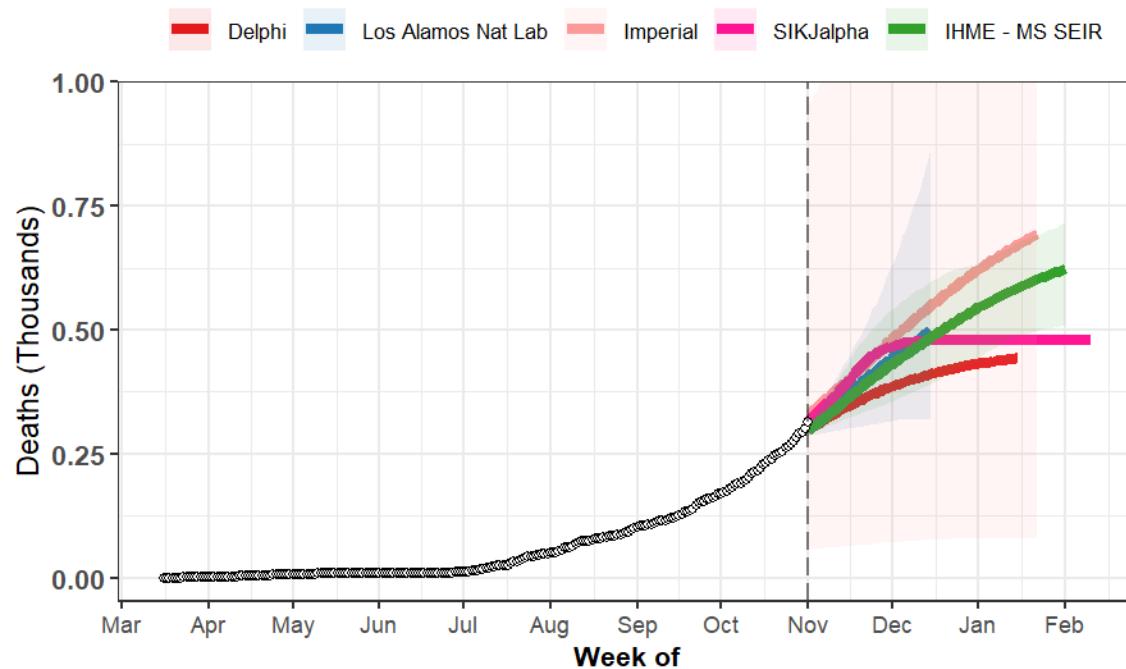


## All Cumulative Errors

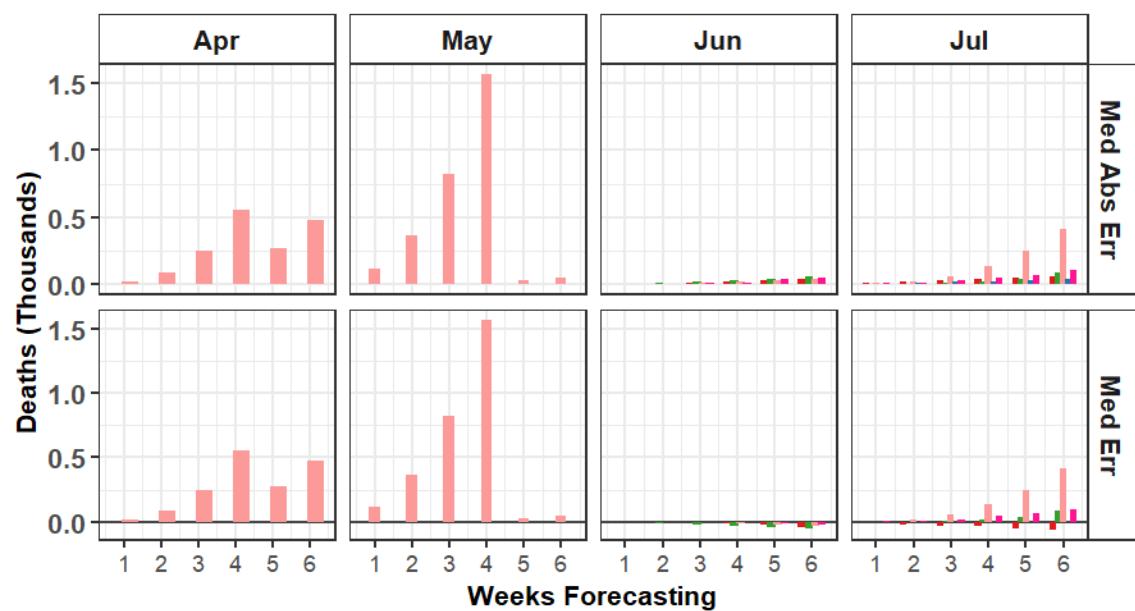


# Montenegro

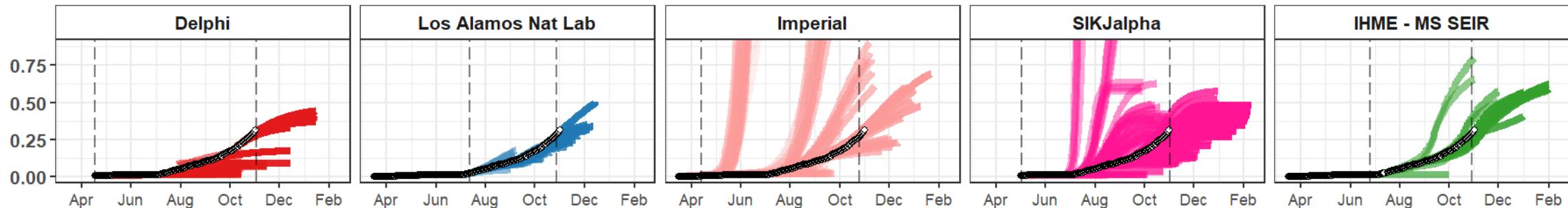
## Current Forecast



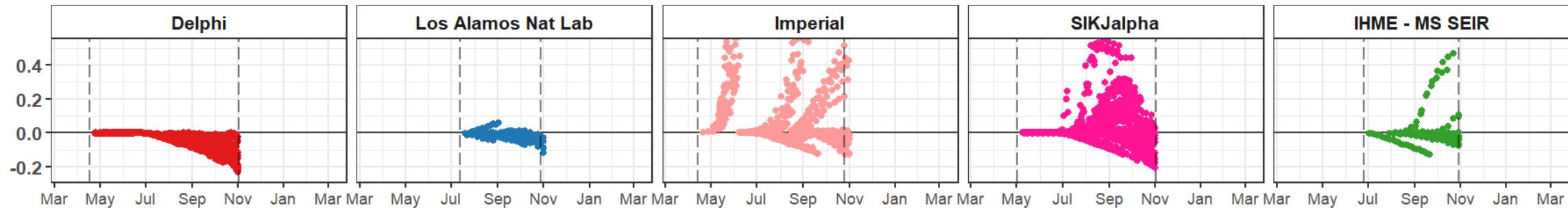
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



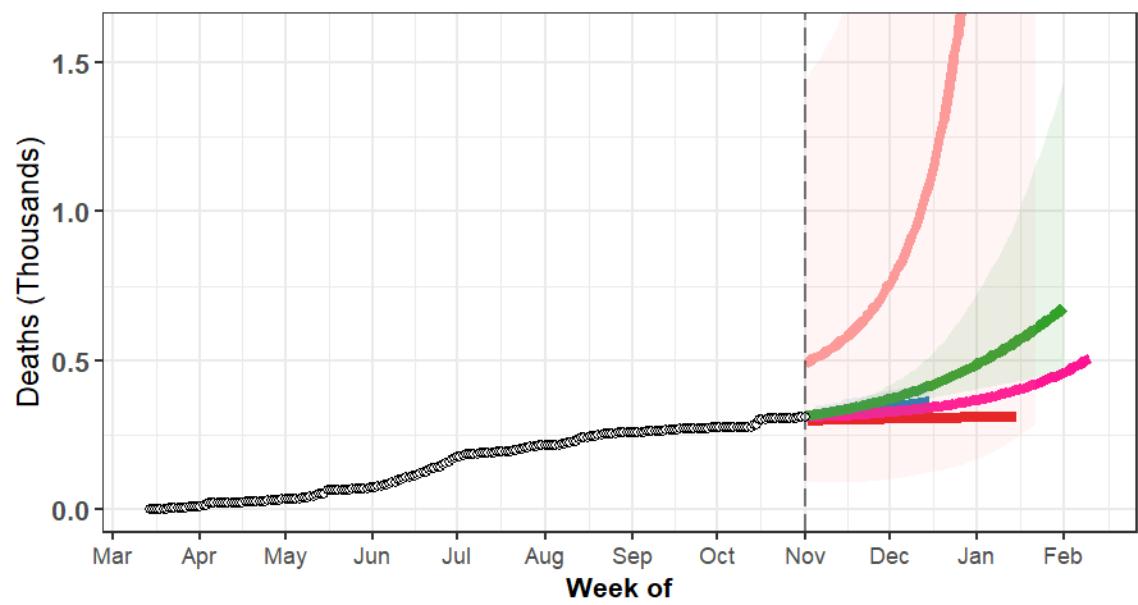
## All Cumulative Errors



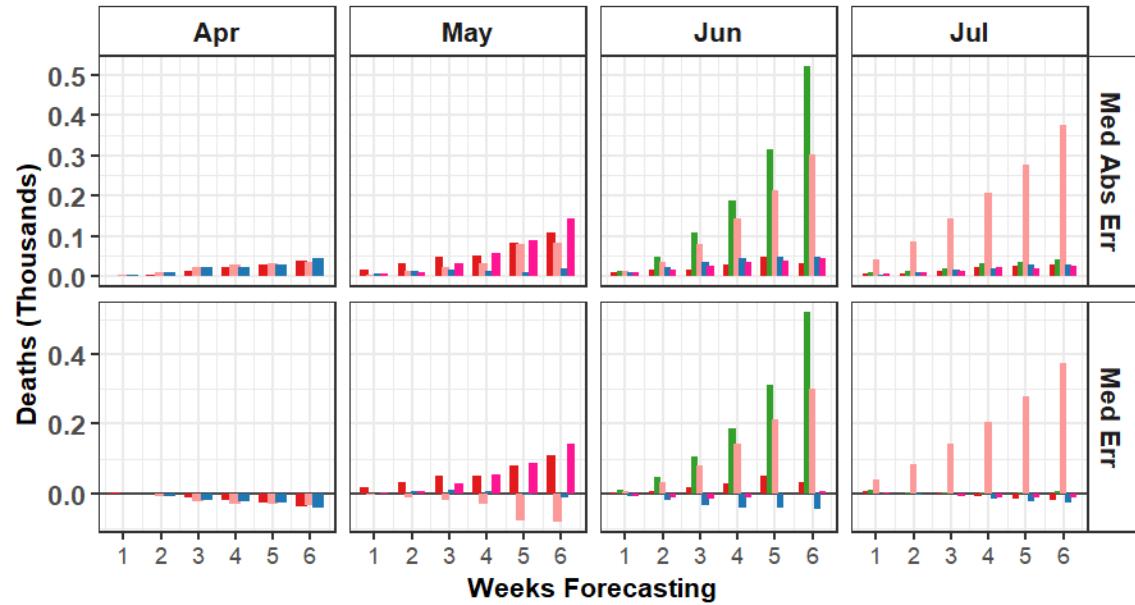
# Democratic Republic of the Congo

## Current Forecast

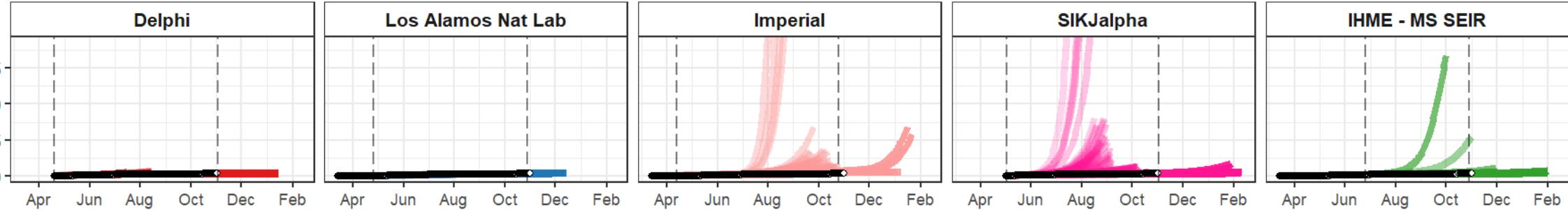
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpah   IHME - MS SEIR



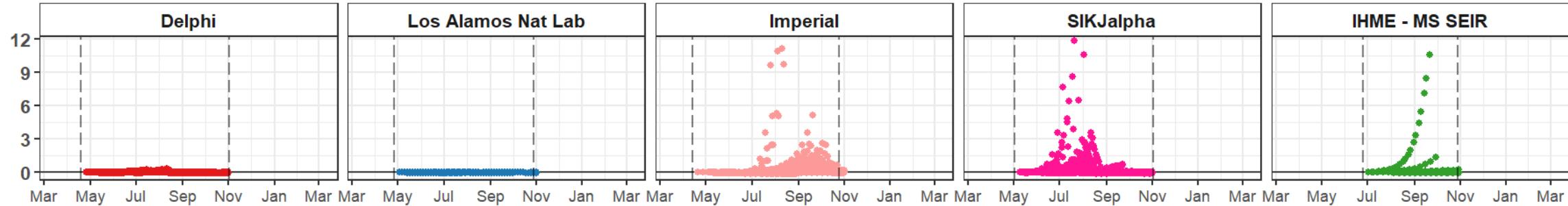
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



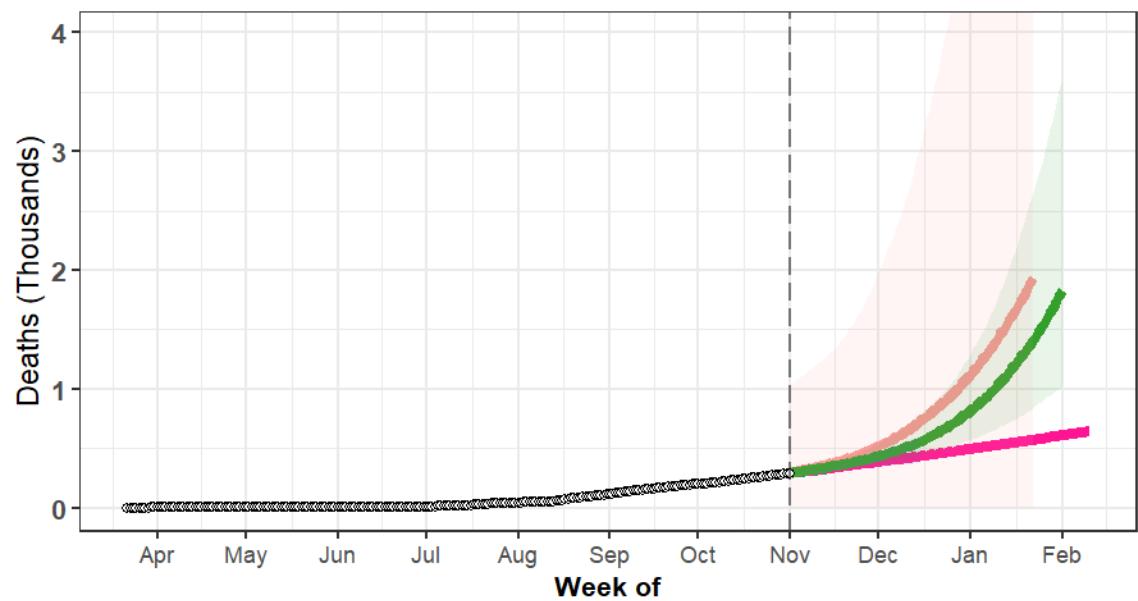
## All Cumulative Errors



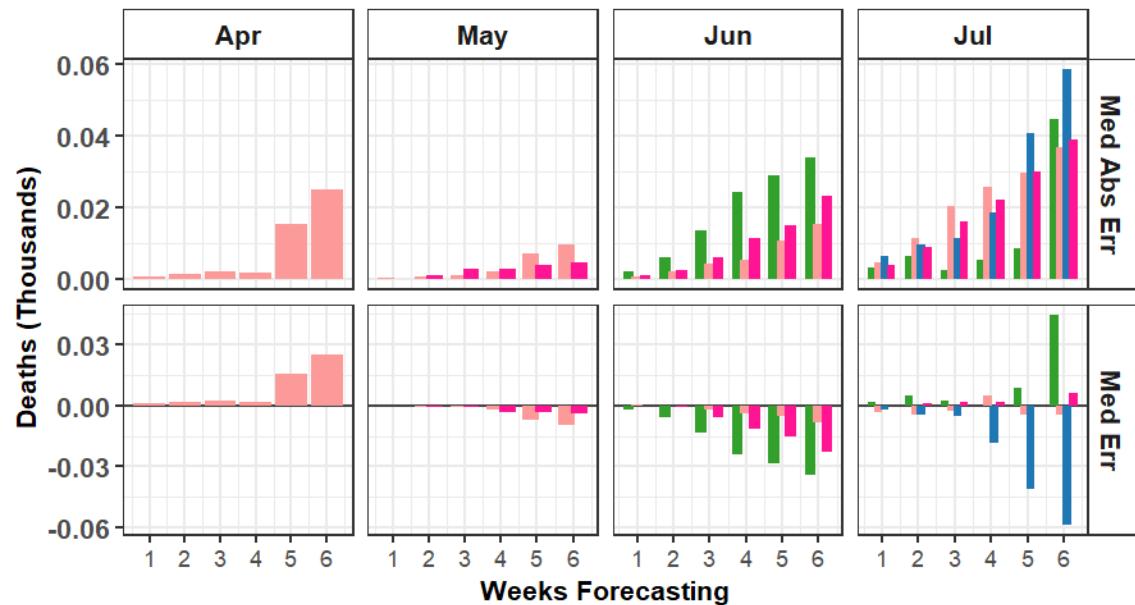
# Syria

## Current Forecast

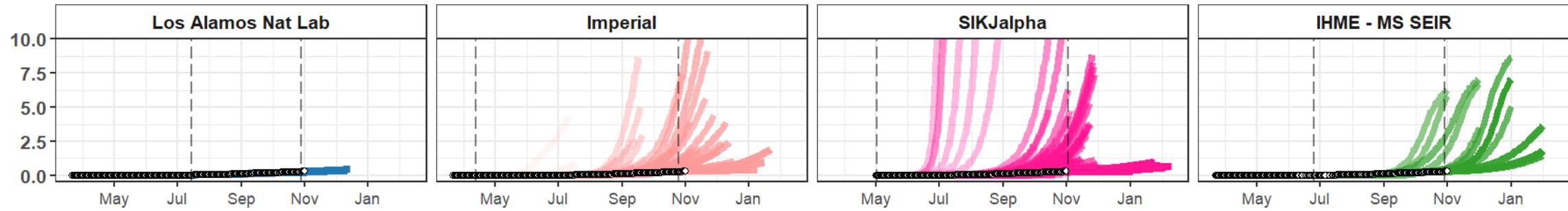
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



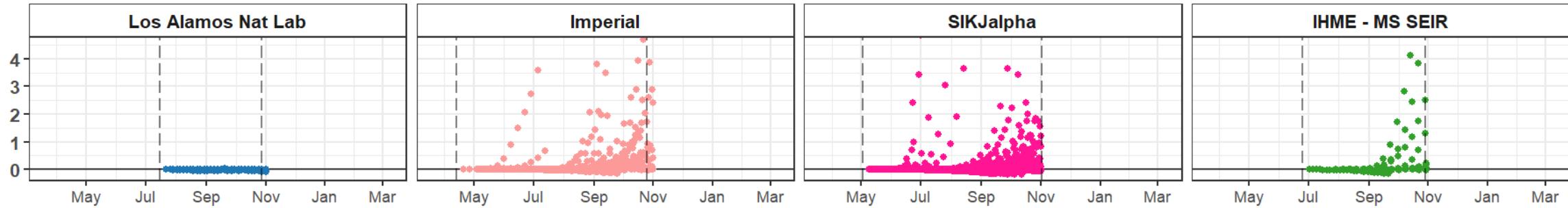
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



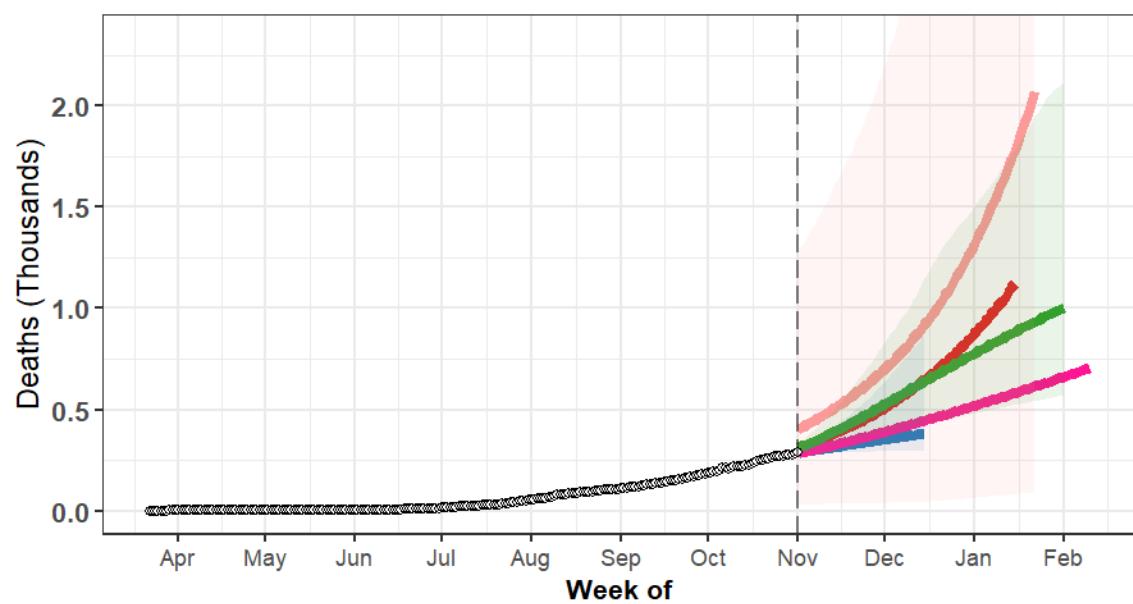
## All Cumulative Errors



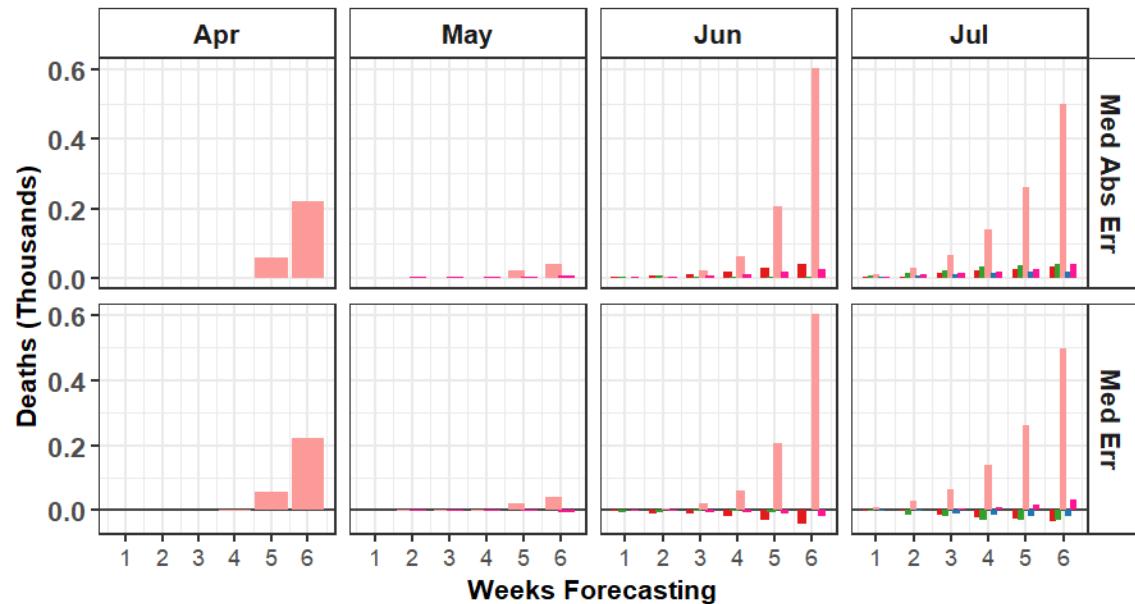
# Angola

## Current Forecast

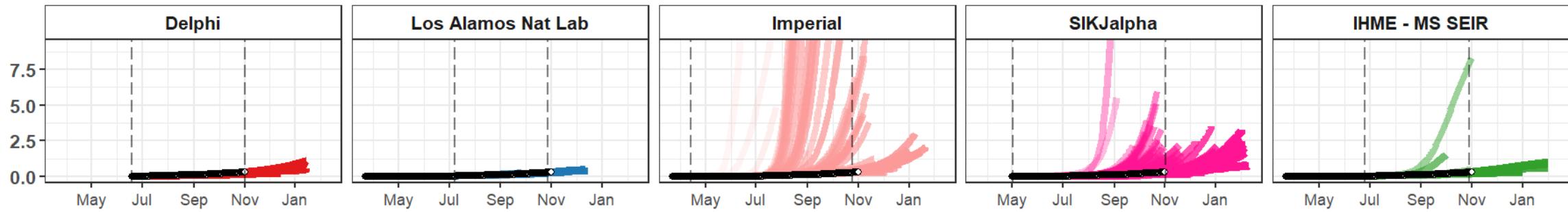
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



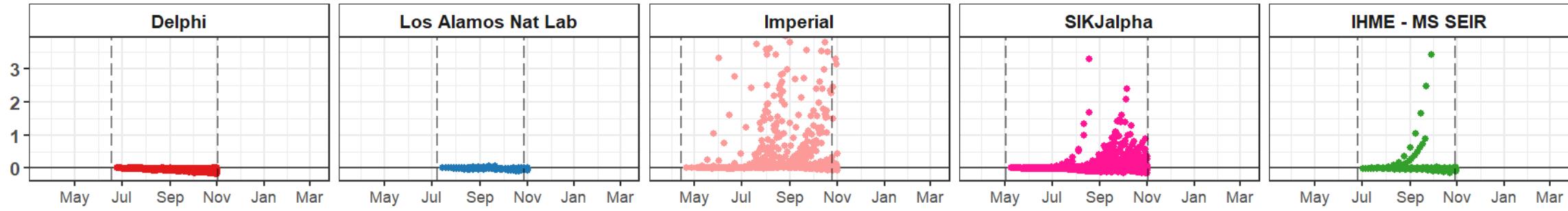
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

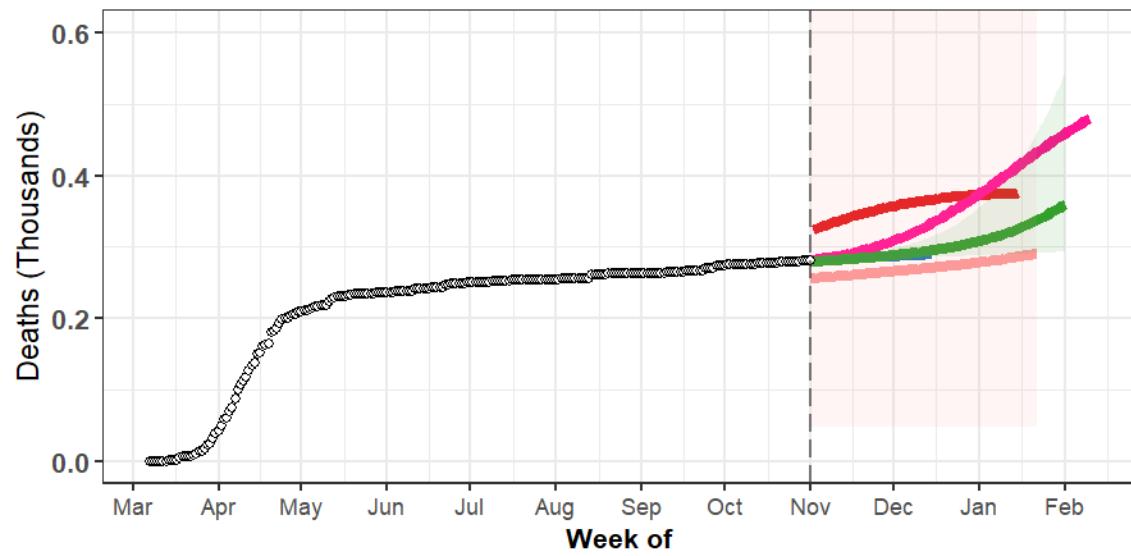


## All Cumulative Errors

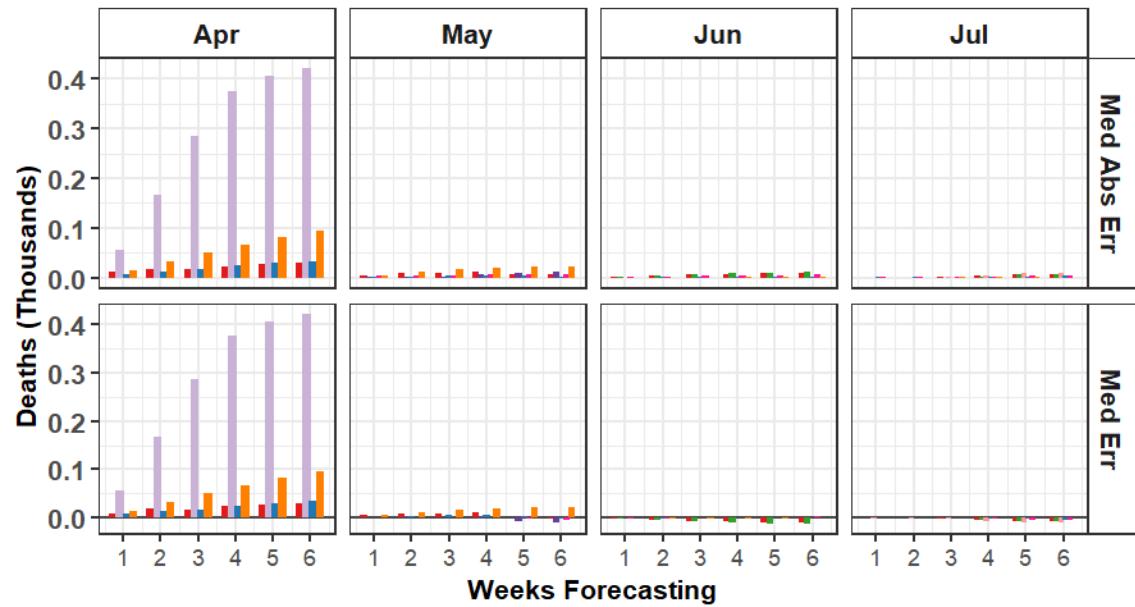


# Norway

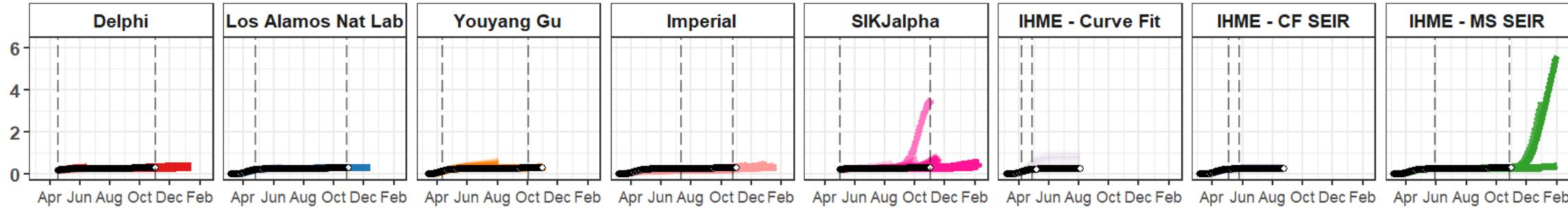
## Current Forecast



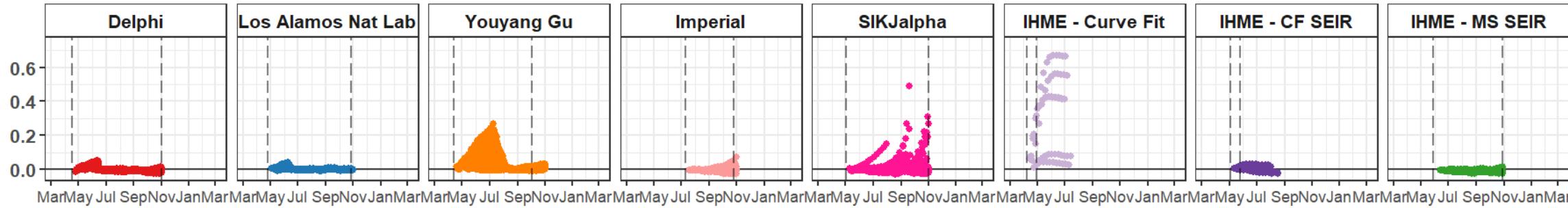
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

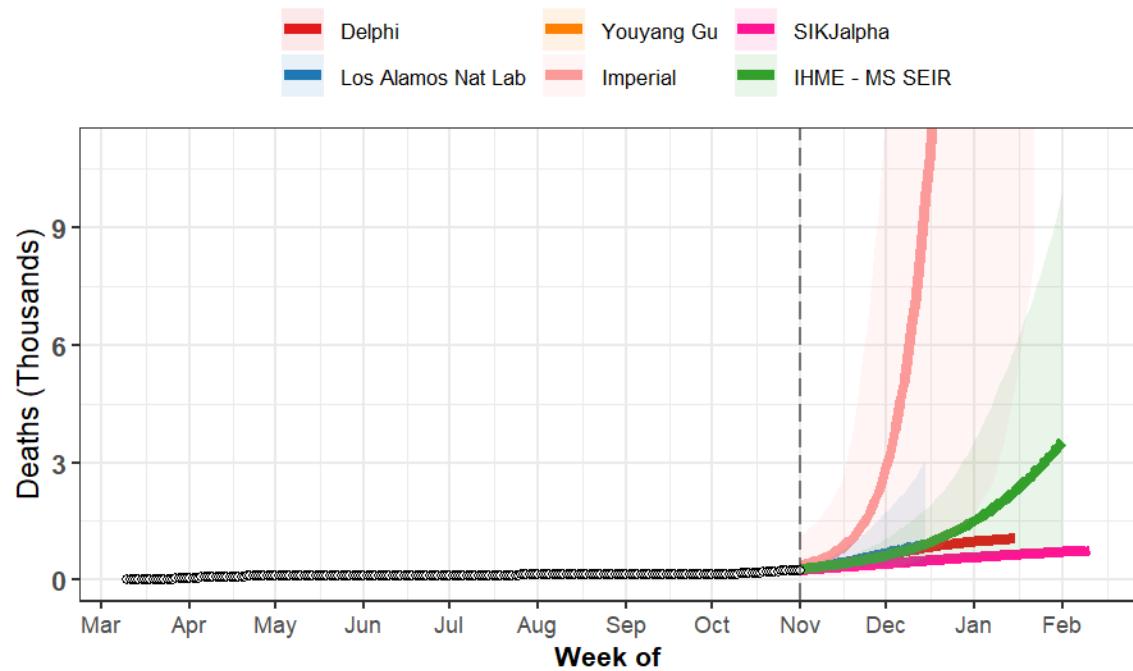


## All Cumulative Errors

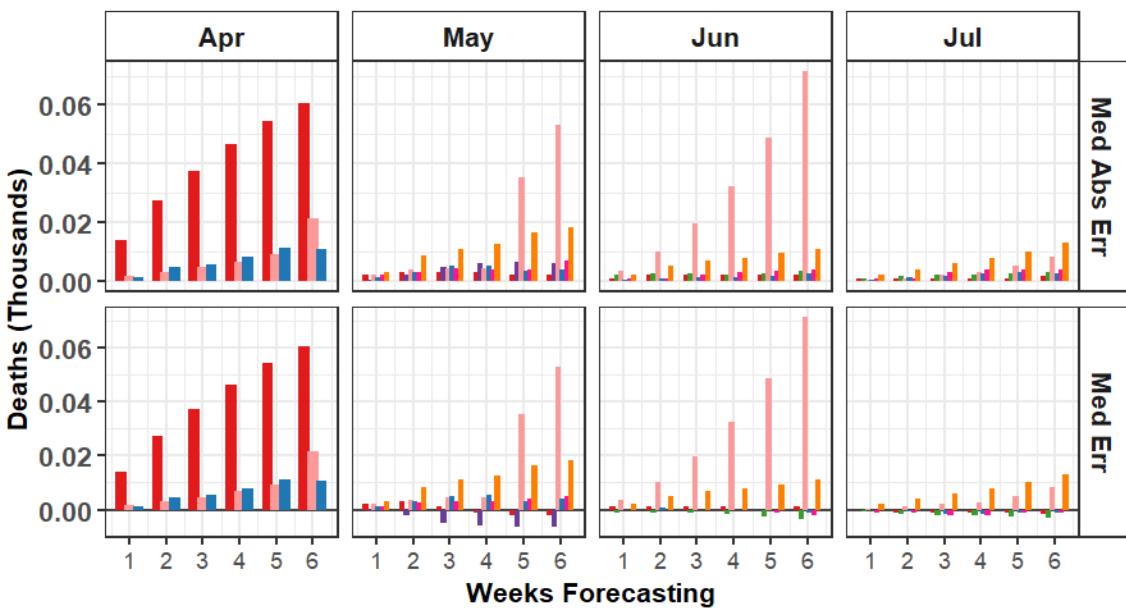


# Malaysia

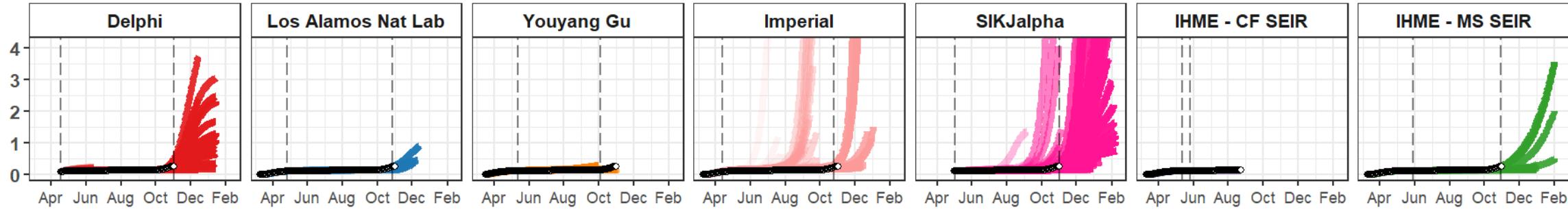
## Current Forecast



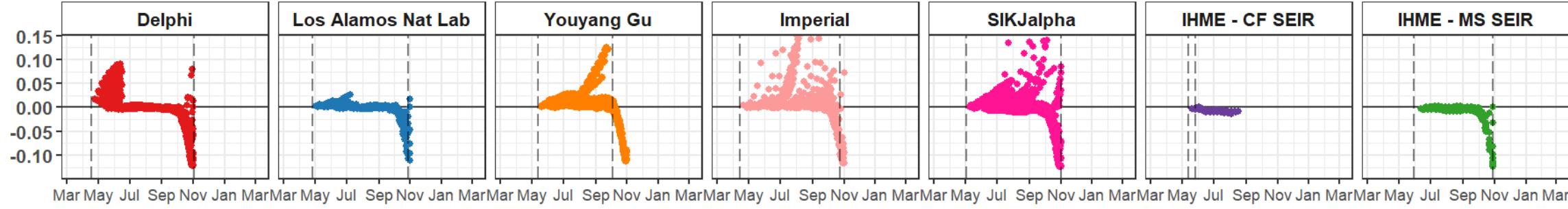
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



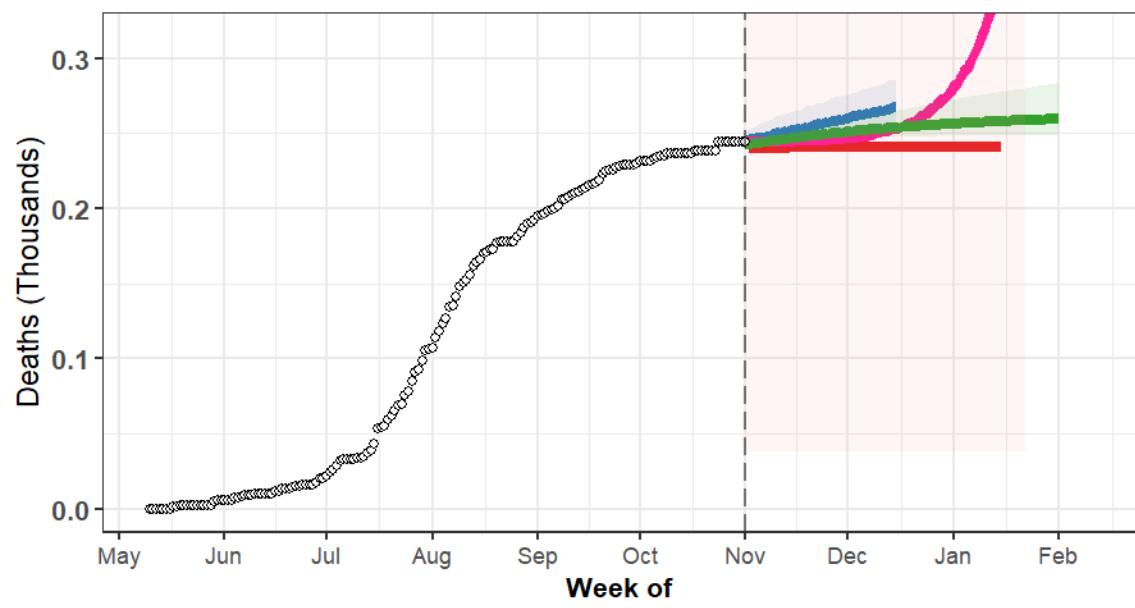
## All Cumulative Errors



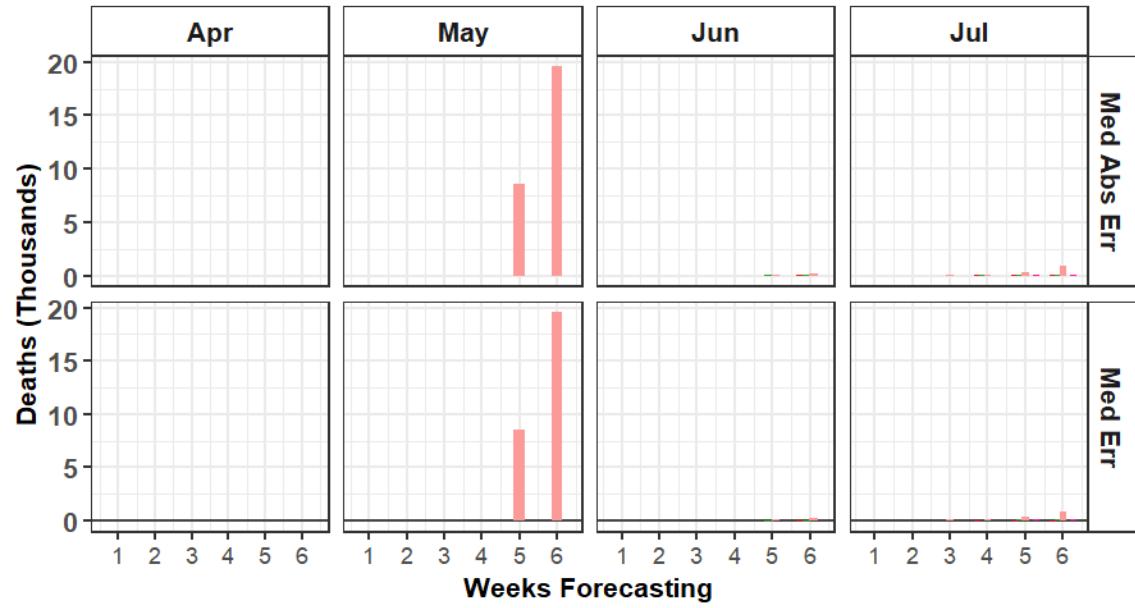
# Madagascar

## Current Forecast

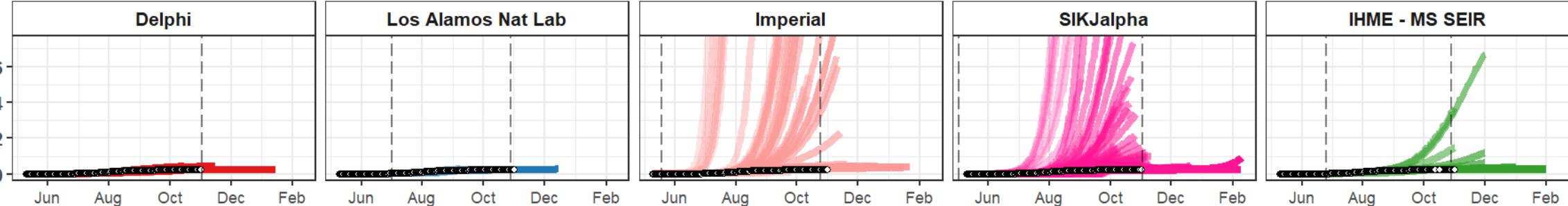
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



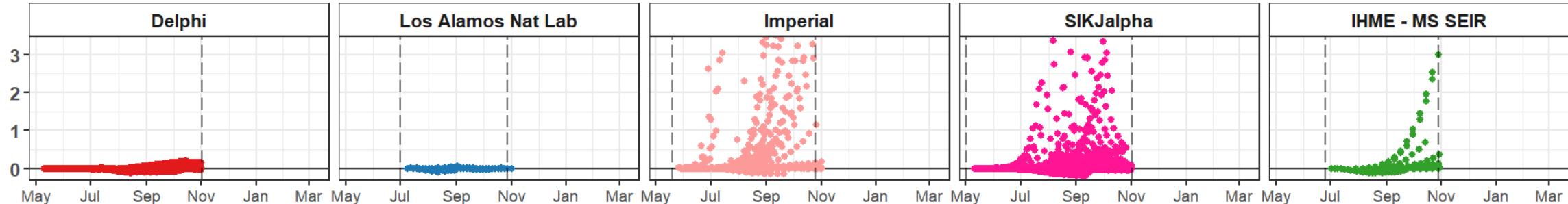
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



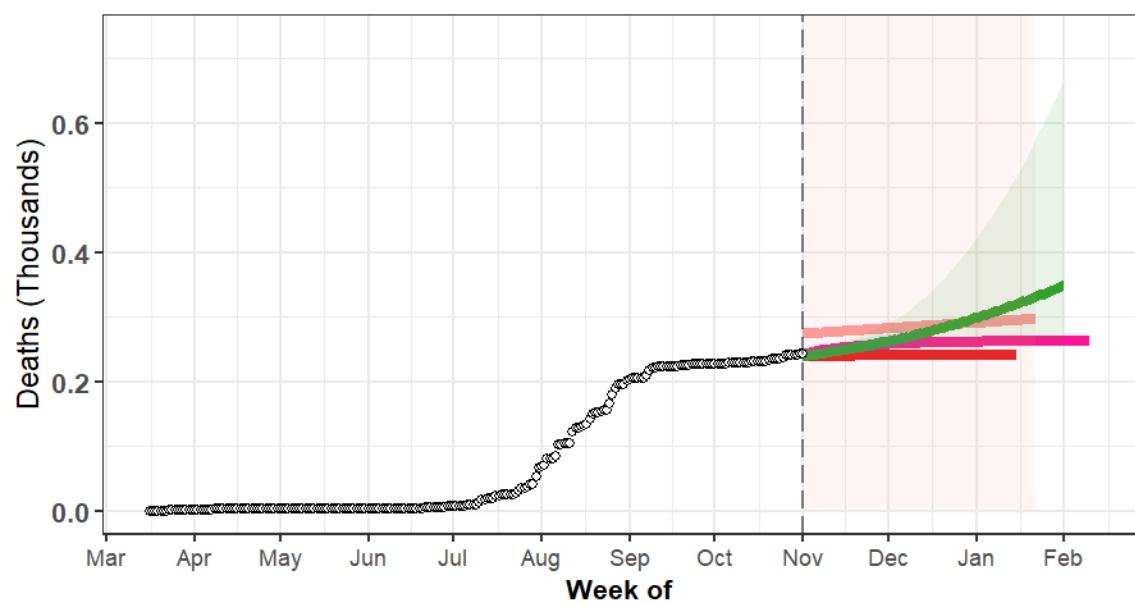
## All Cumulative Errors



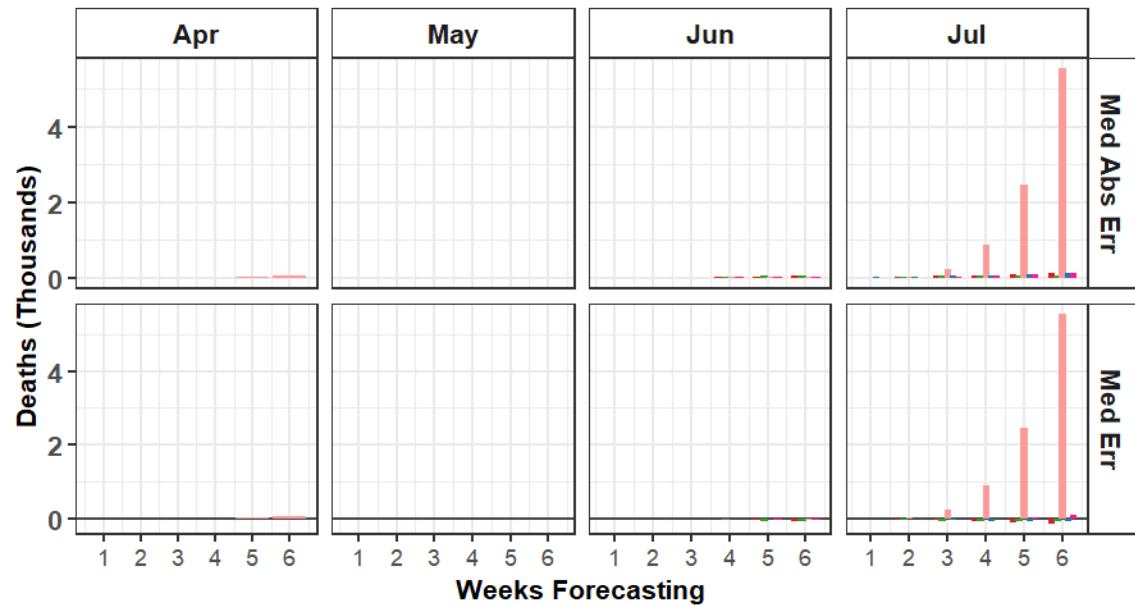
# Zimbabwe

## Current Forecast

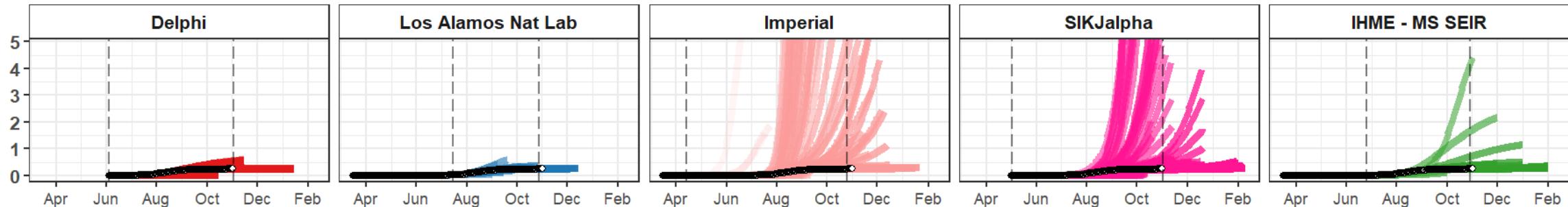
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



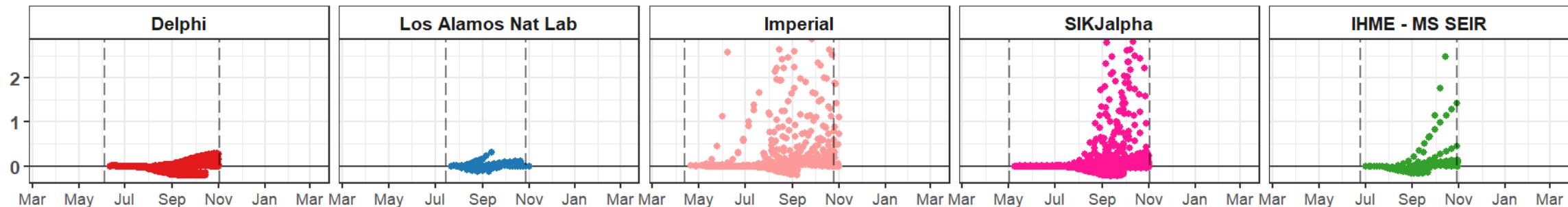
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



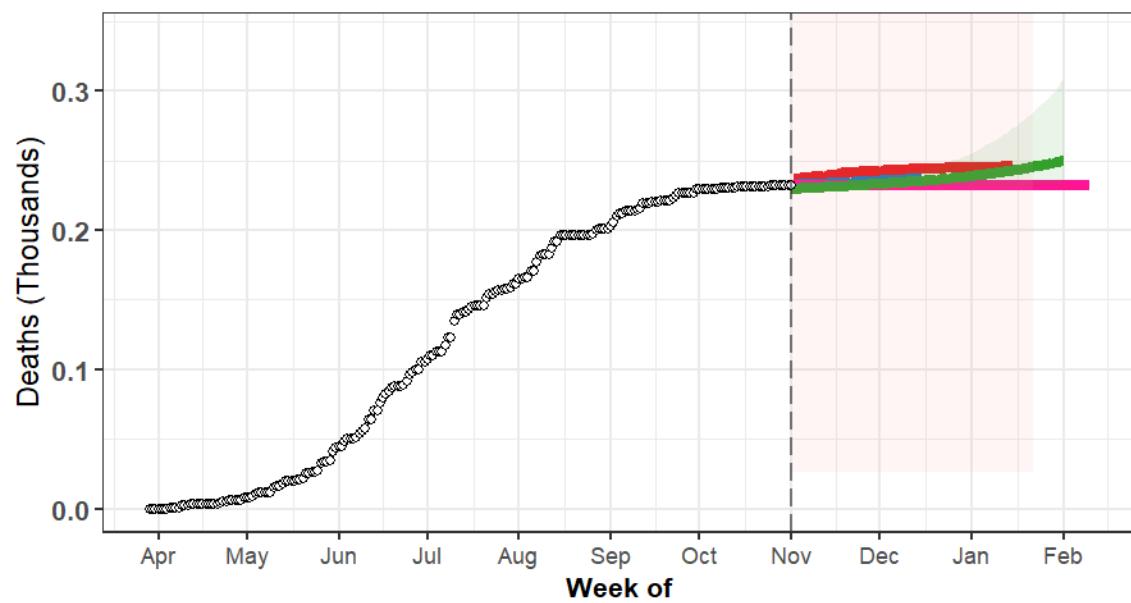
## All Cumulative Errors



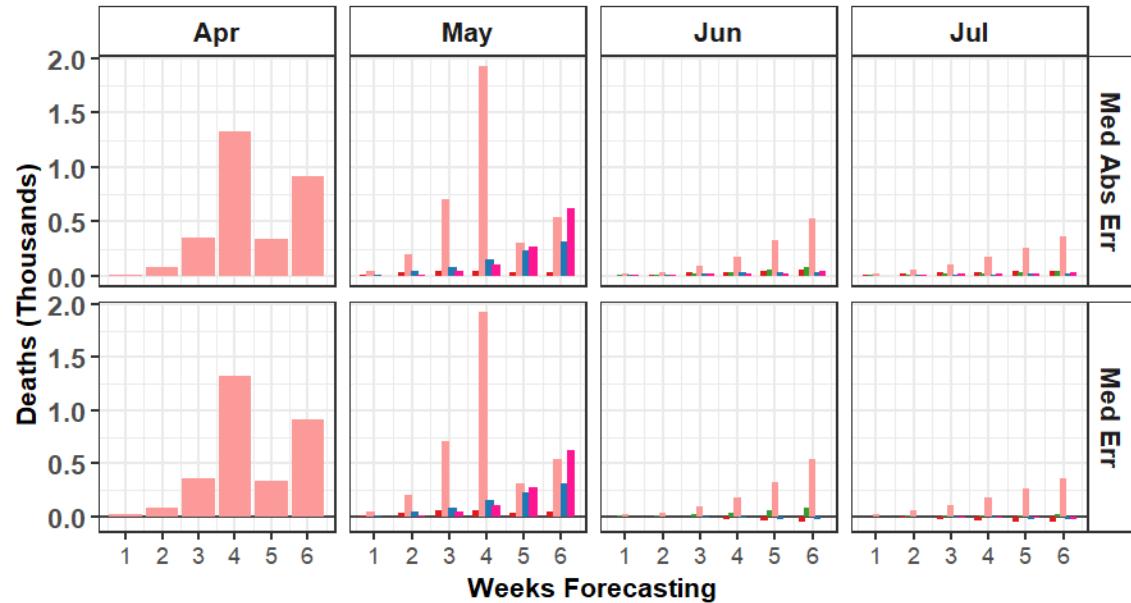
# Haiti

## Current Forecast

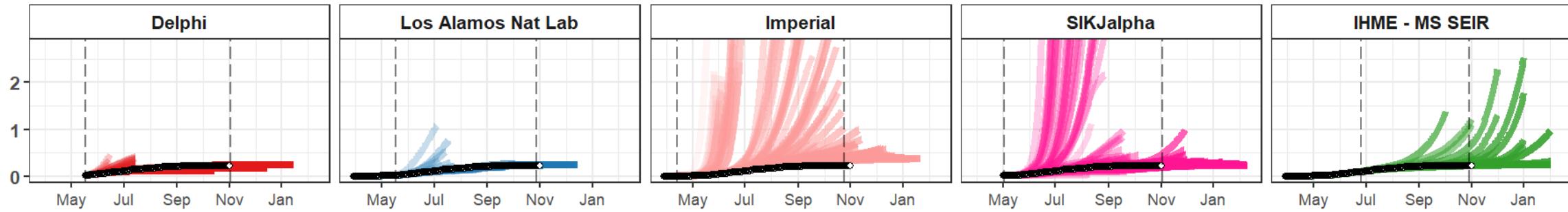
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



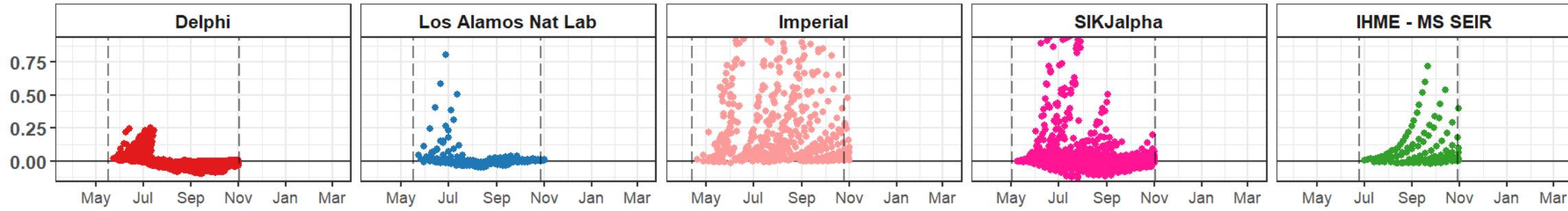
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



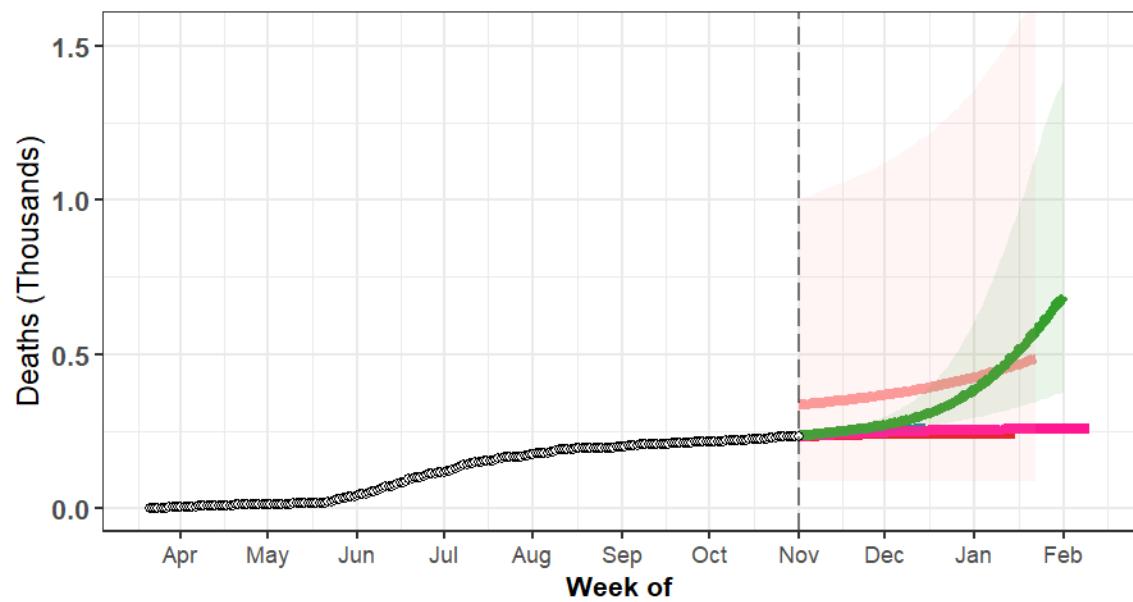
## All Cumulative Errors



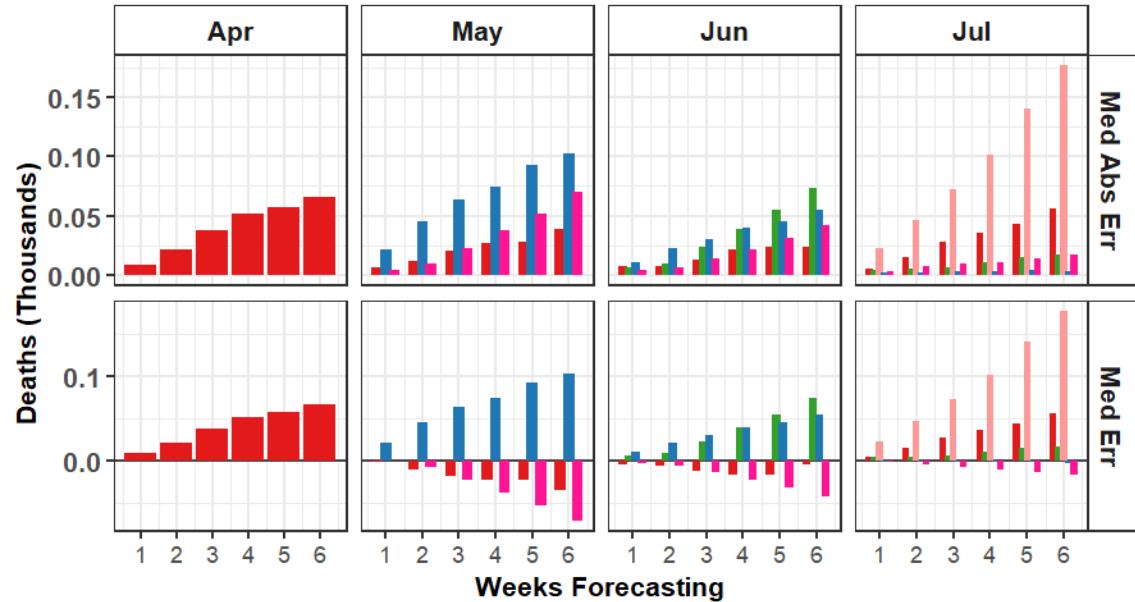
# Qatar

## Current Forecast

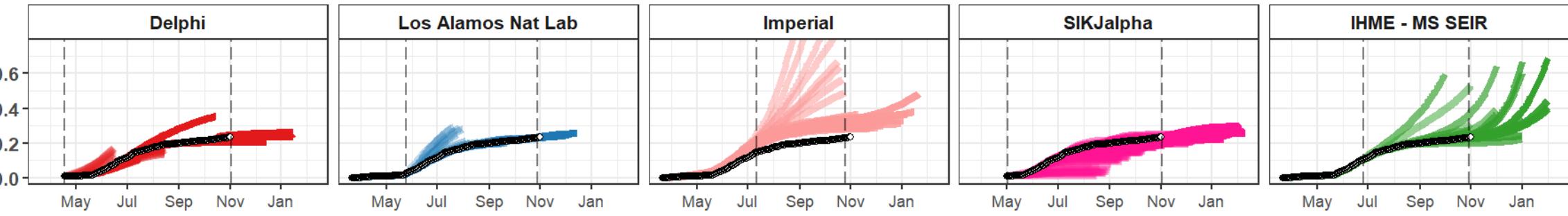
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



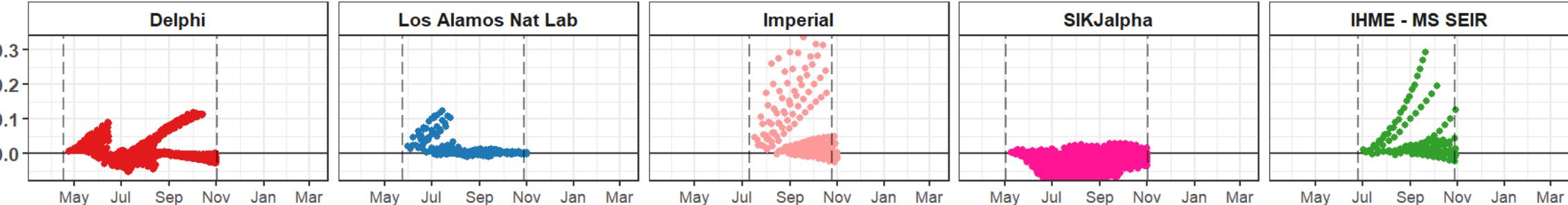
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

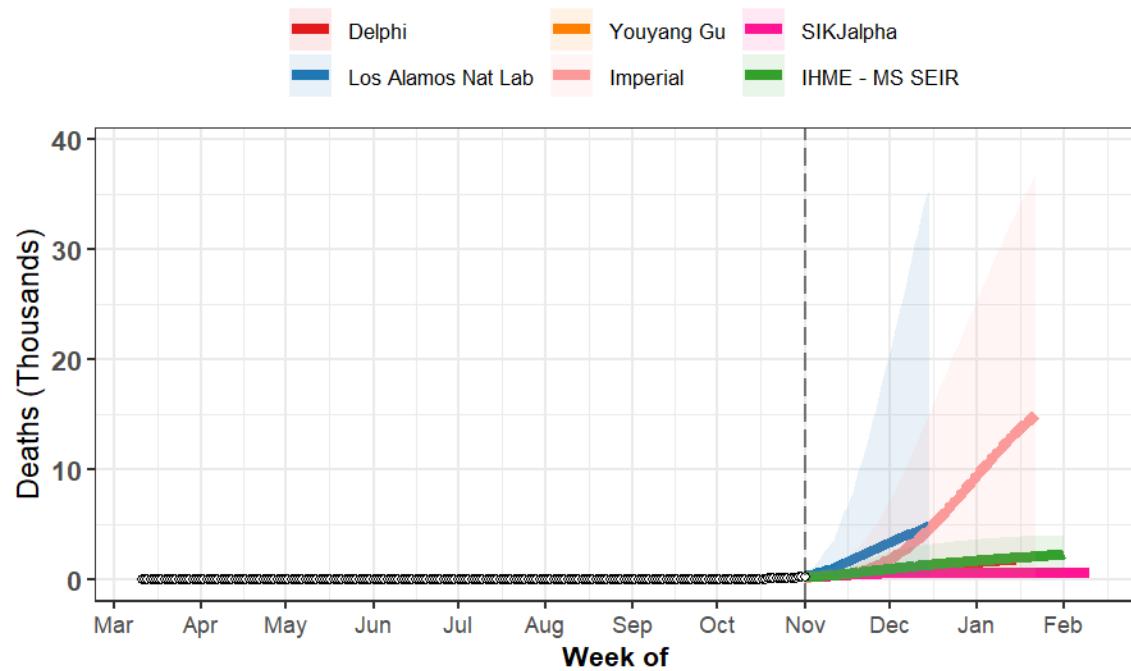


## All Cumulative Errors

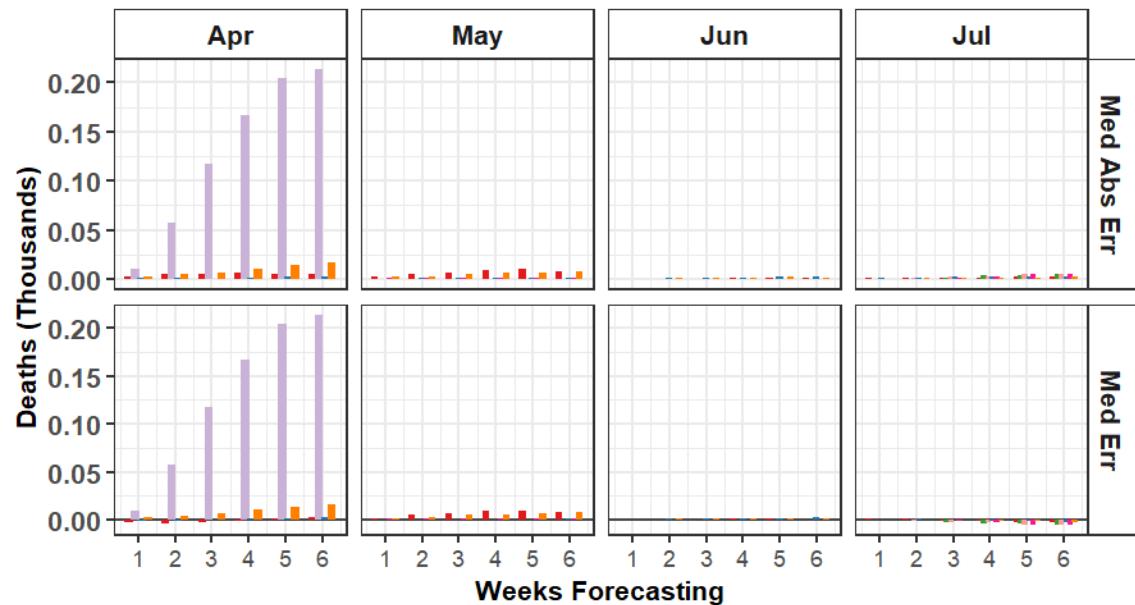


# Slovakia

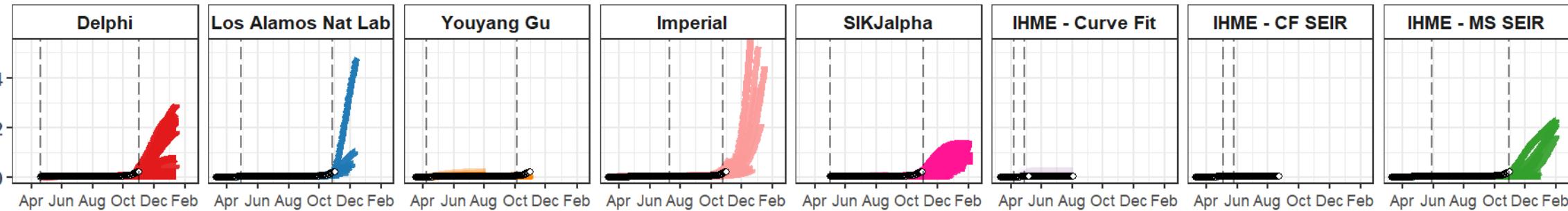
## Current Forecast



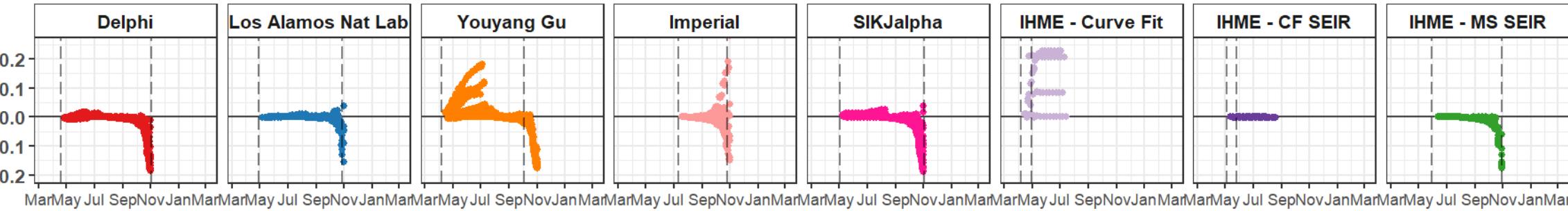
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

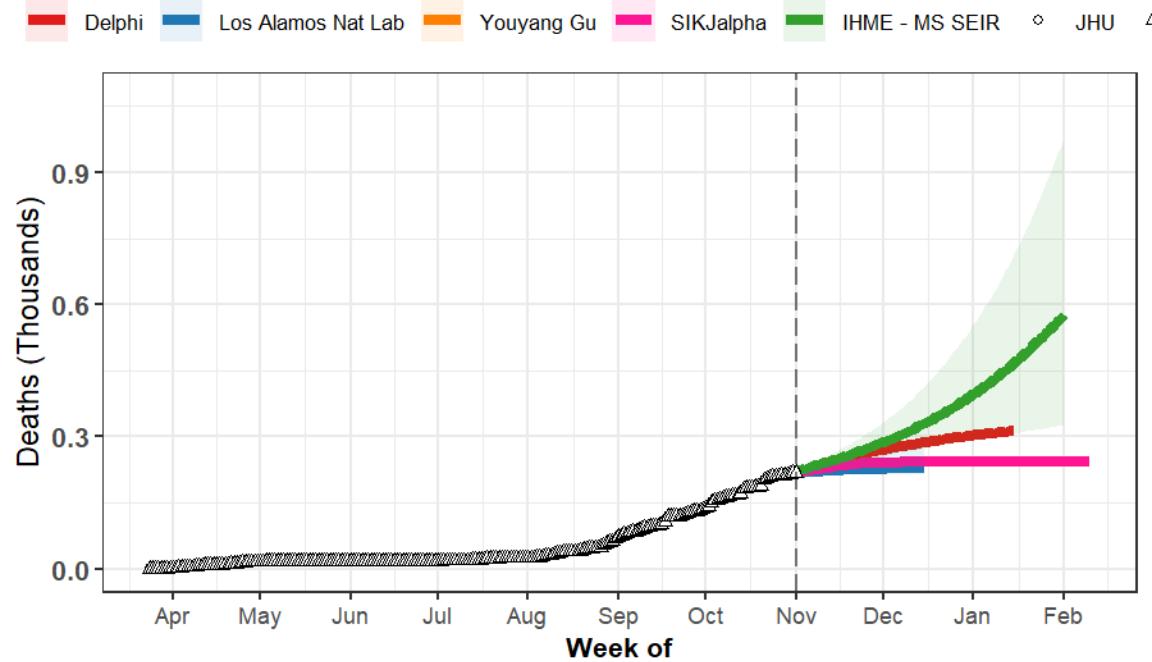


## All Cumulative Errors

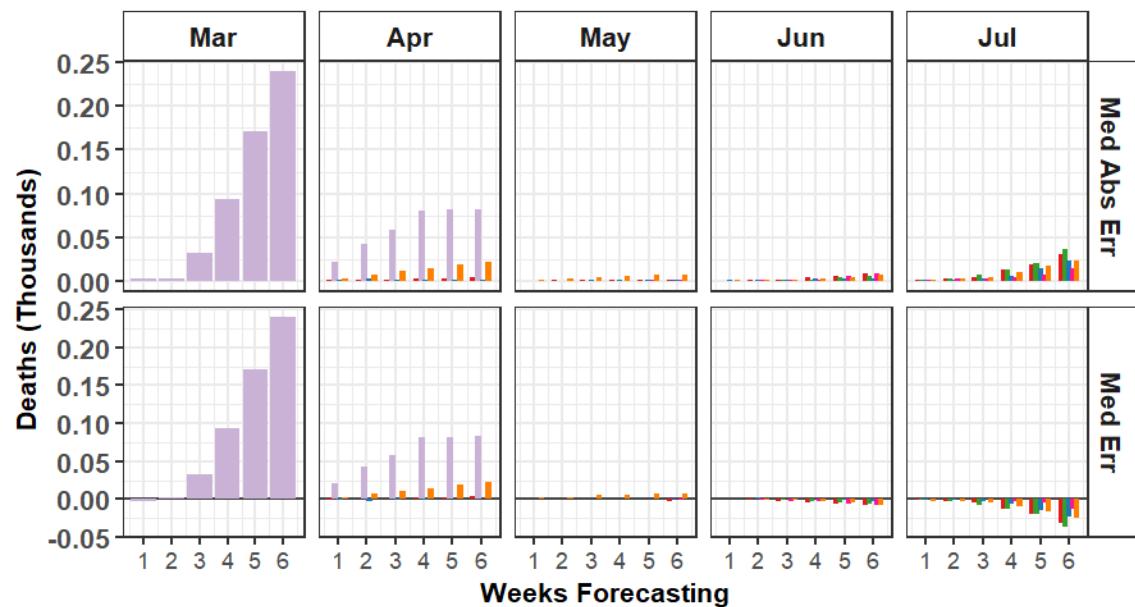


# Hawaii

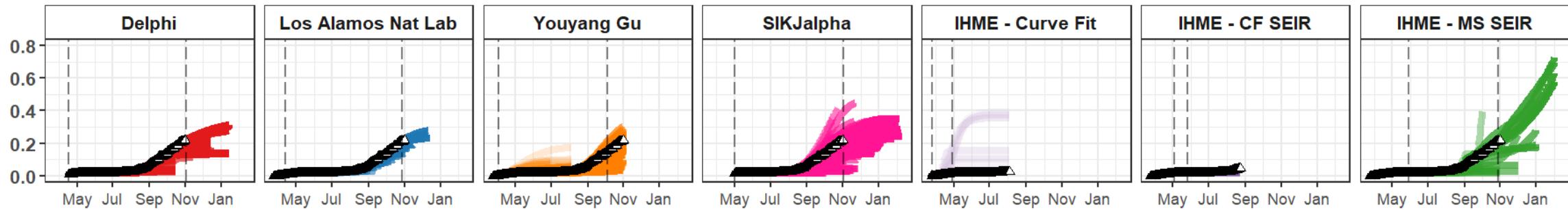
## Current Forecast



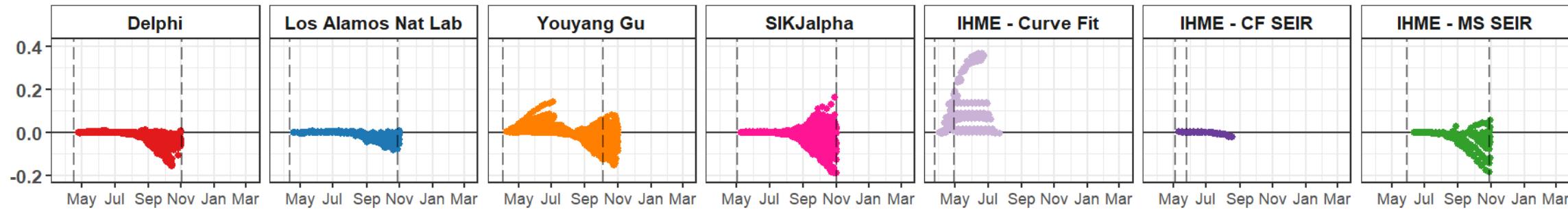
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



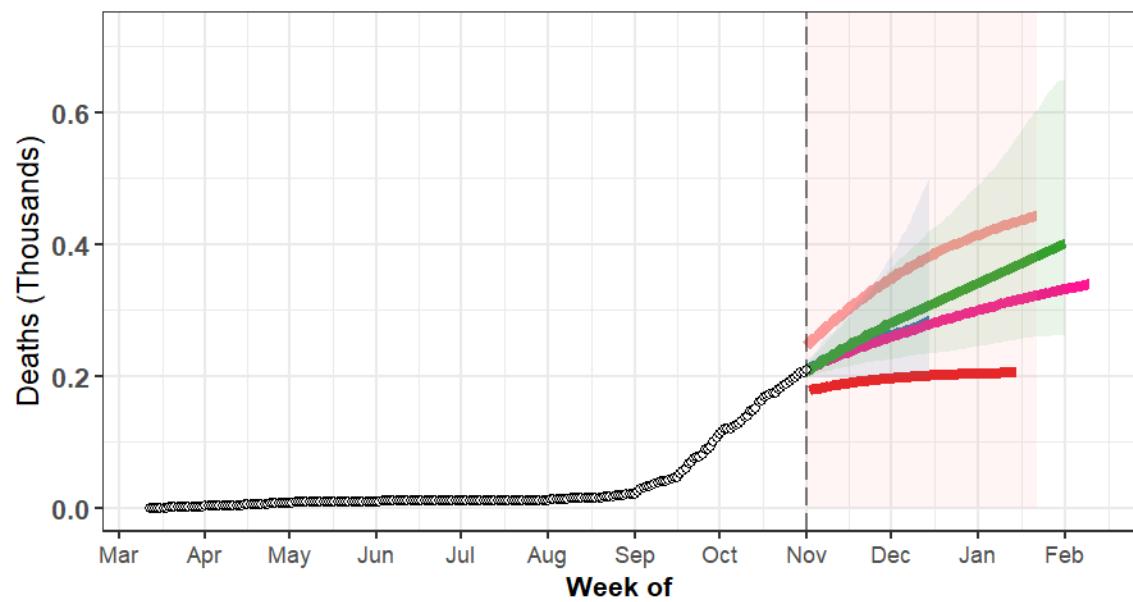
## All Cumulative Errors



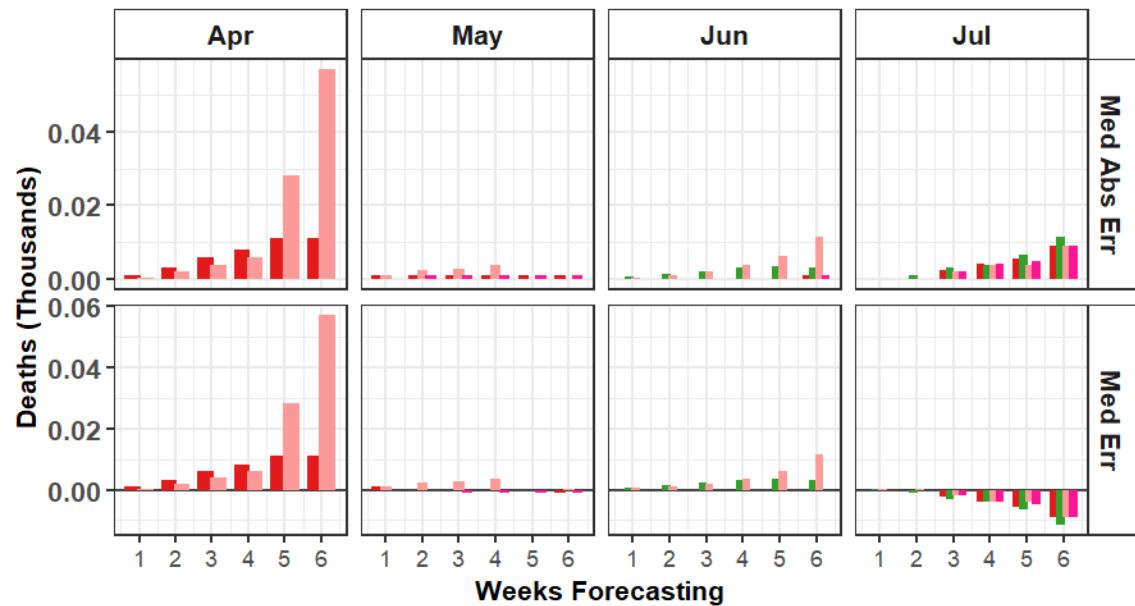
# Jamaica

## Current Forecast

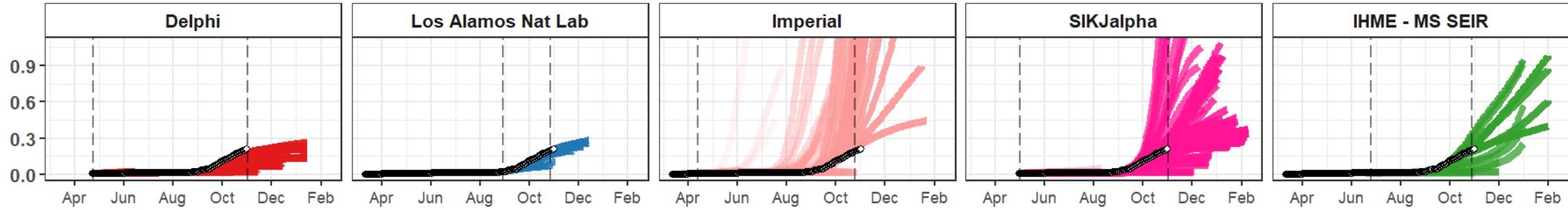
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



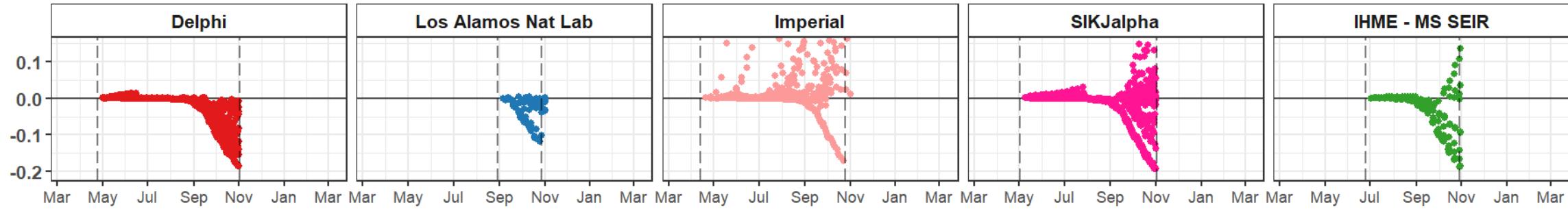
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



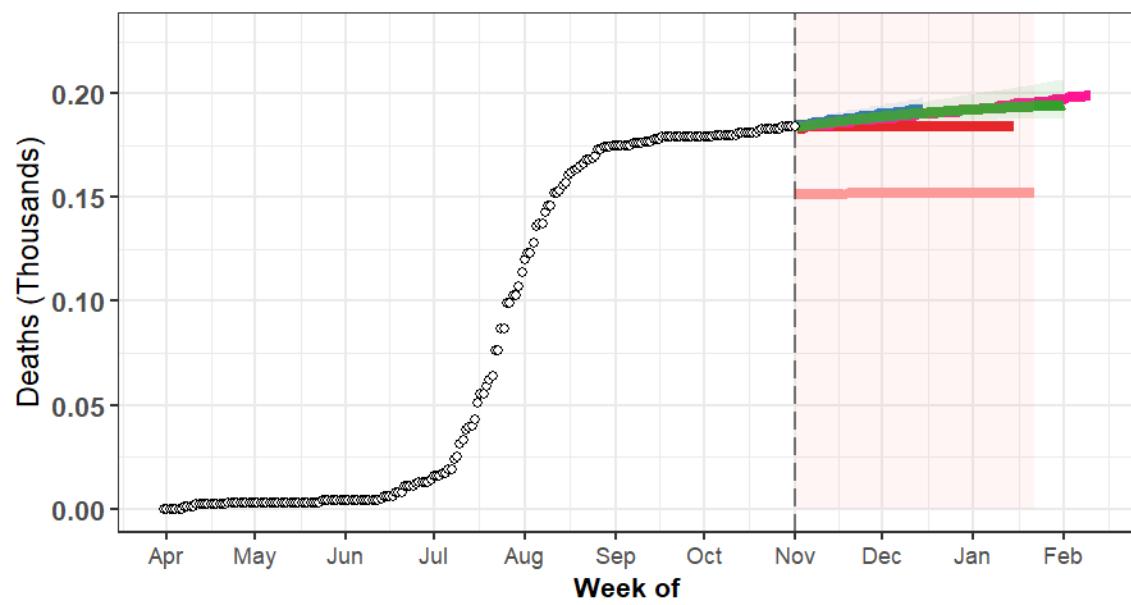
## All Cumulative Errors



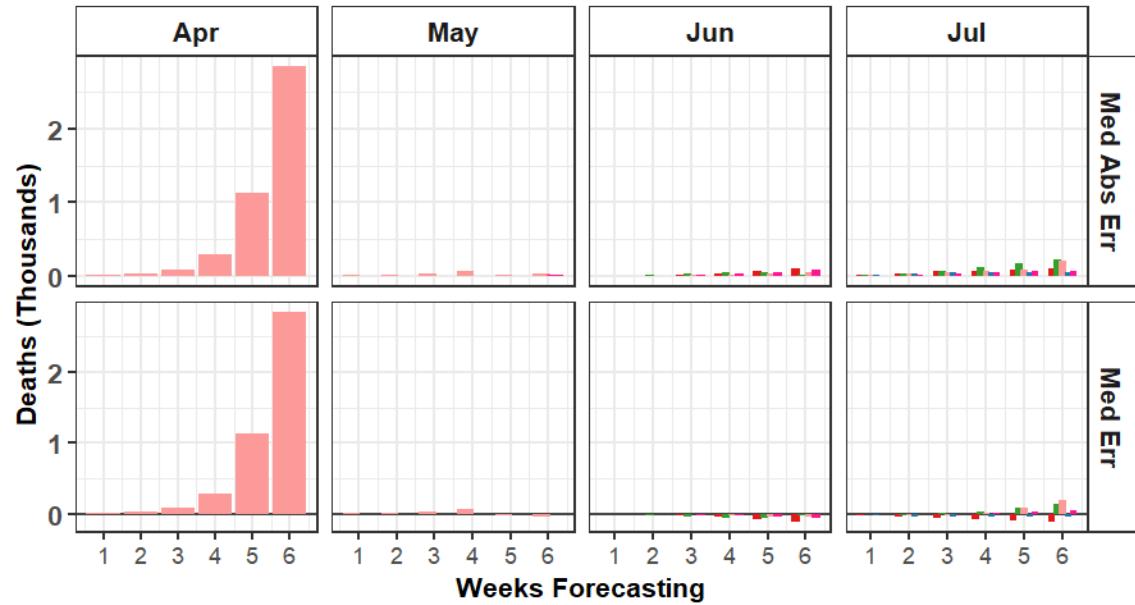
# Malawi

## Current Forecast

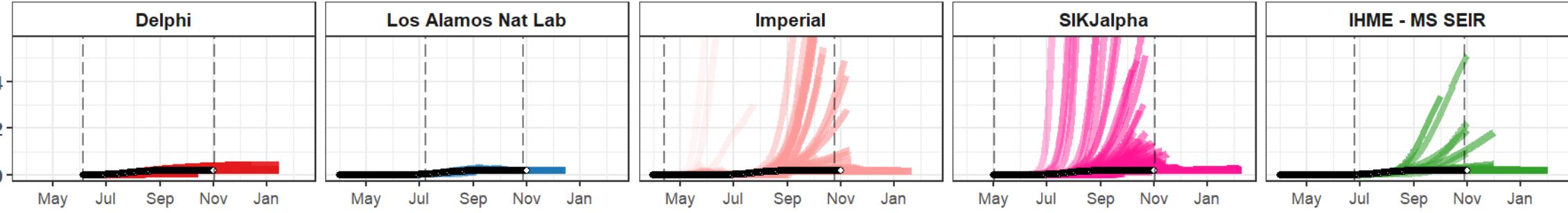
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



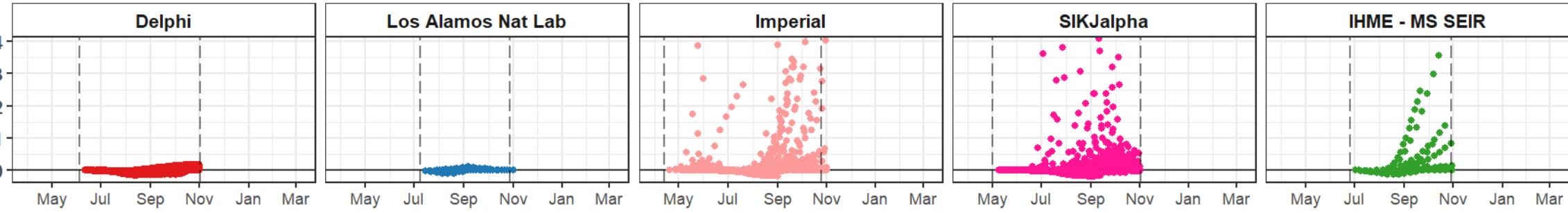
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

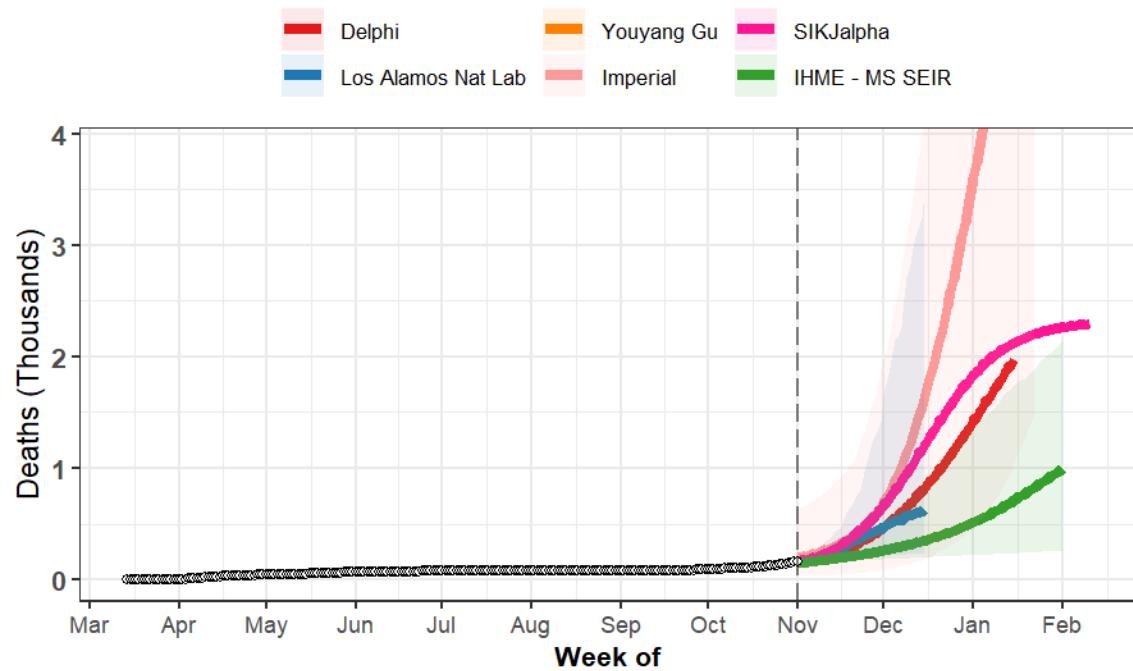


## All Cumulative Errors

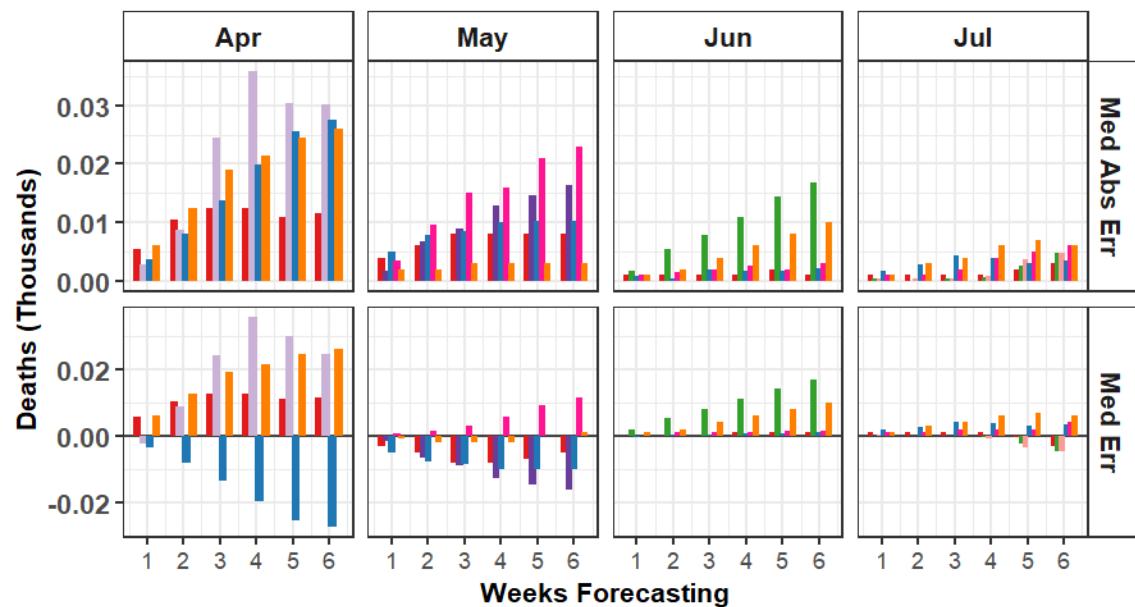


# Lithuania

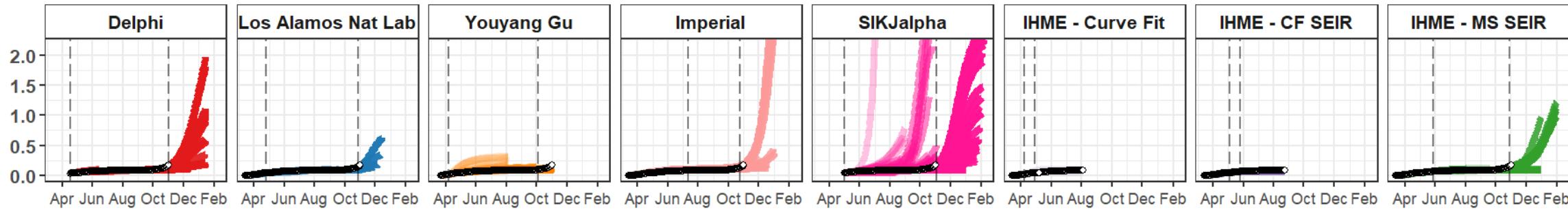
## Current Forecast



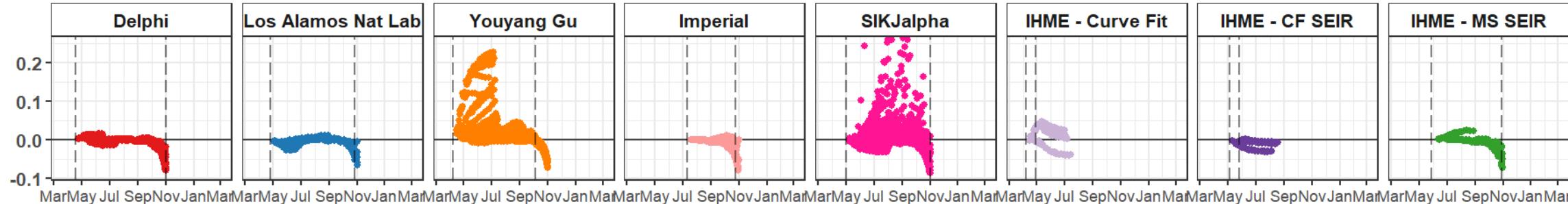
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

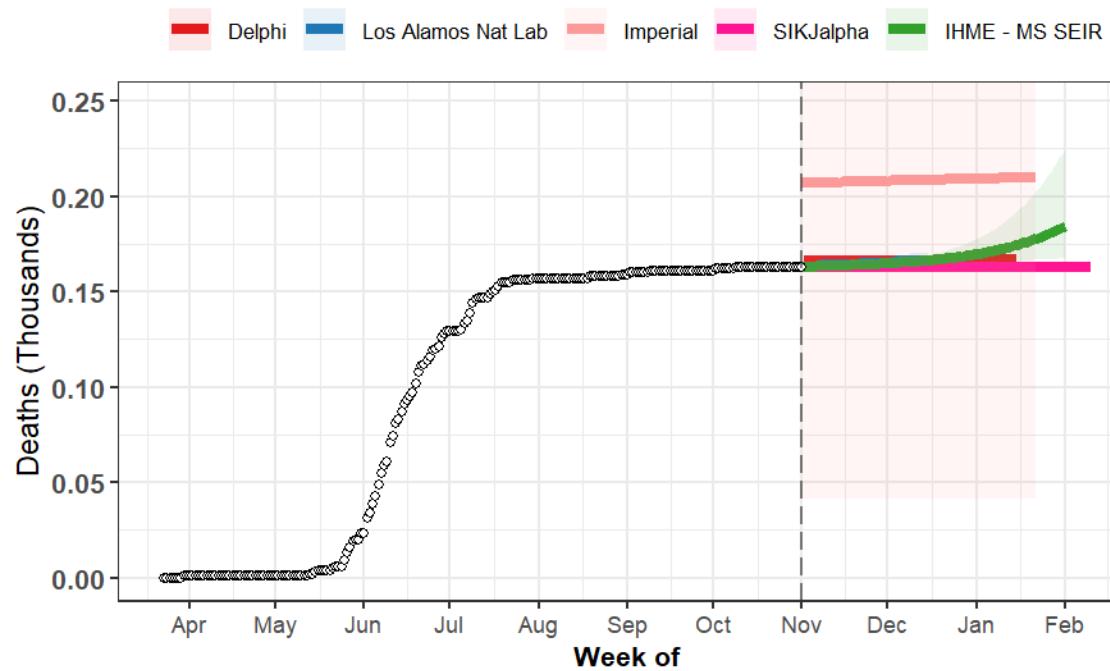


## All Cumulative Errors

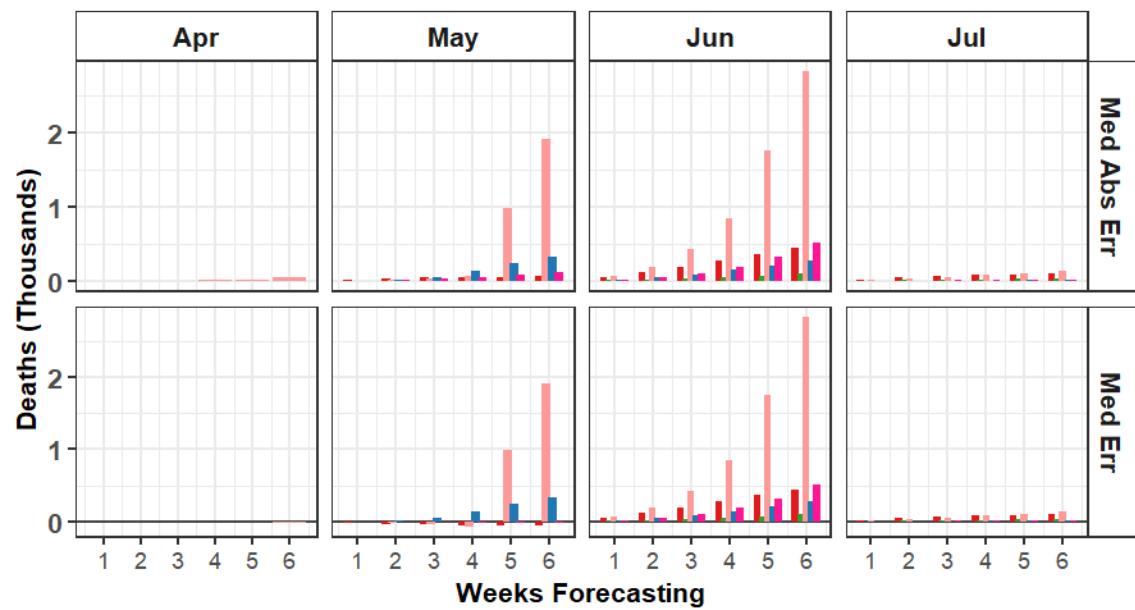


# Mauritania

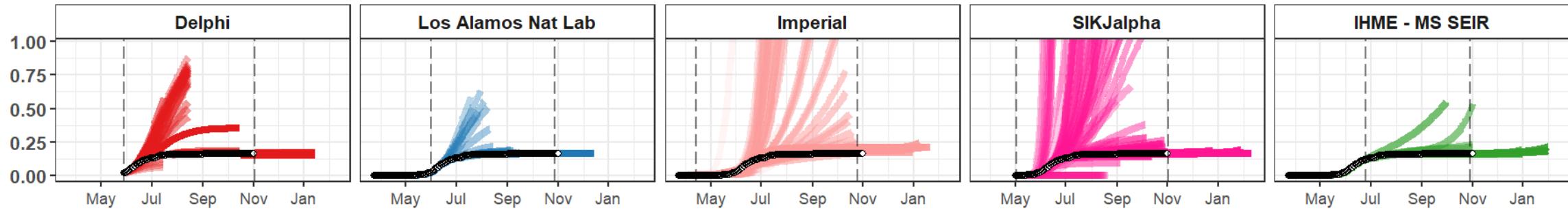
## Current Forecast



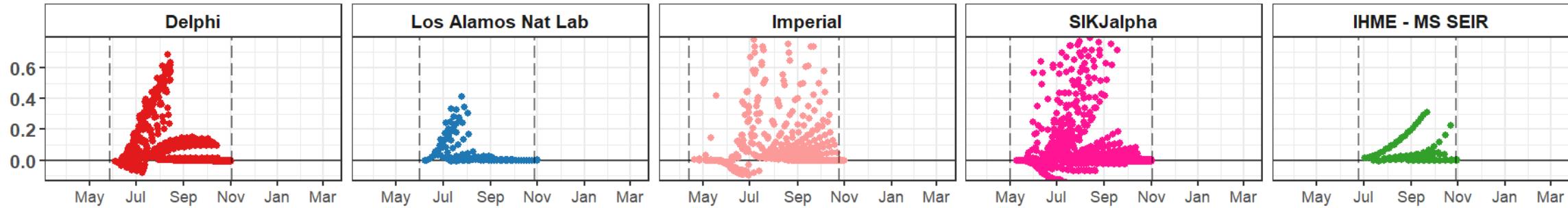
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



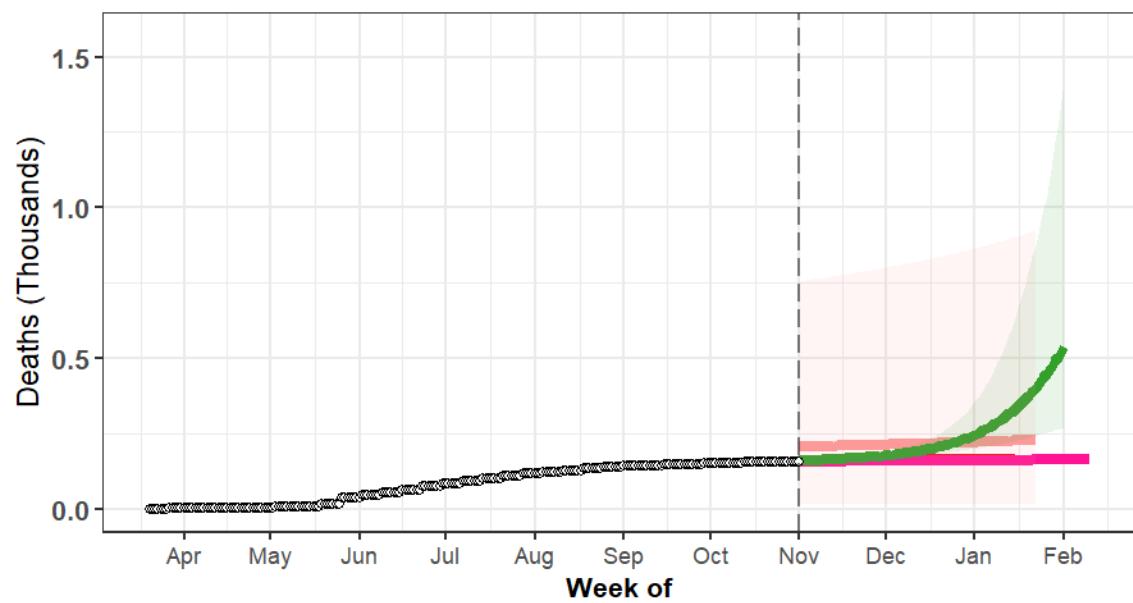
## All Cumulative Errors



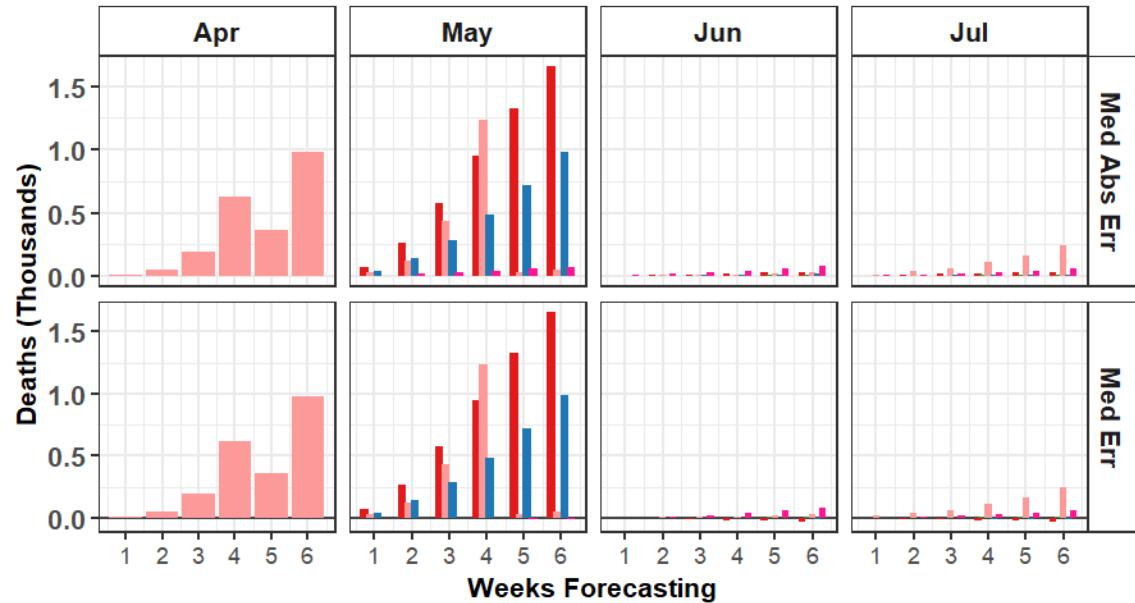
# Nicaragua

## Current Forecast

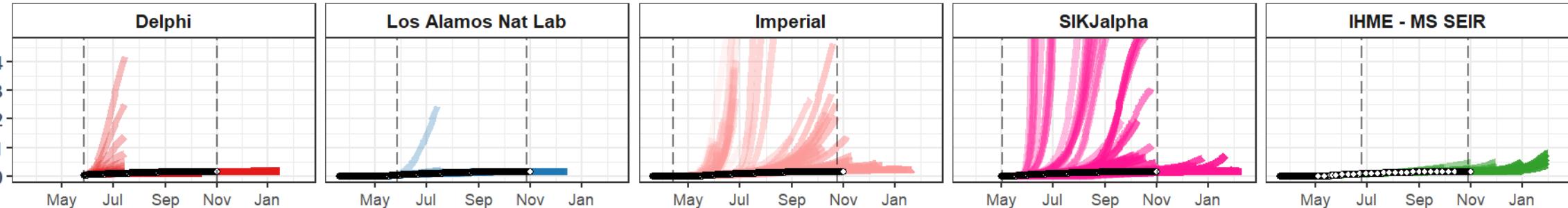
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



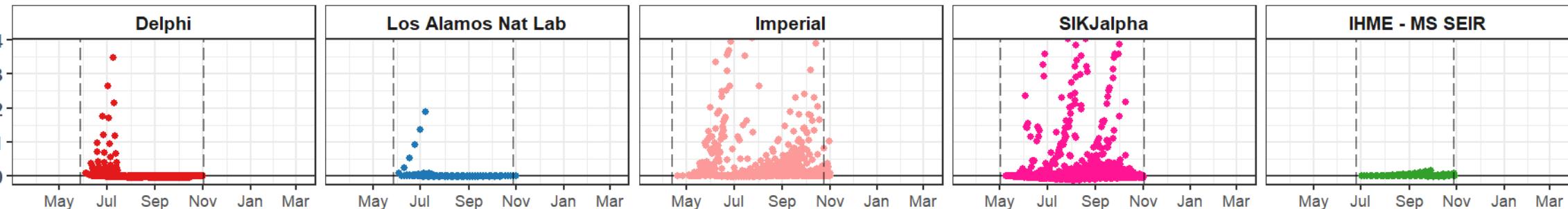
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

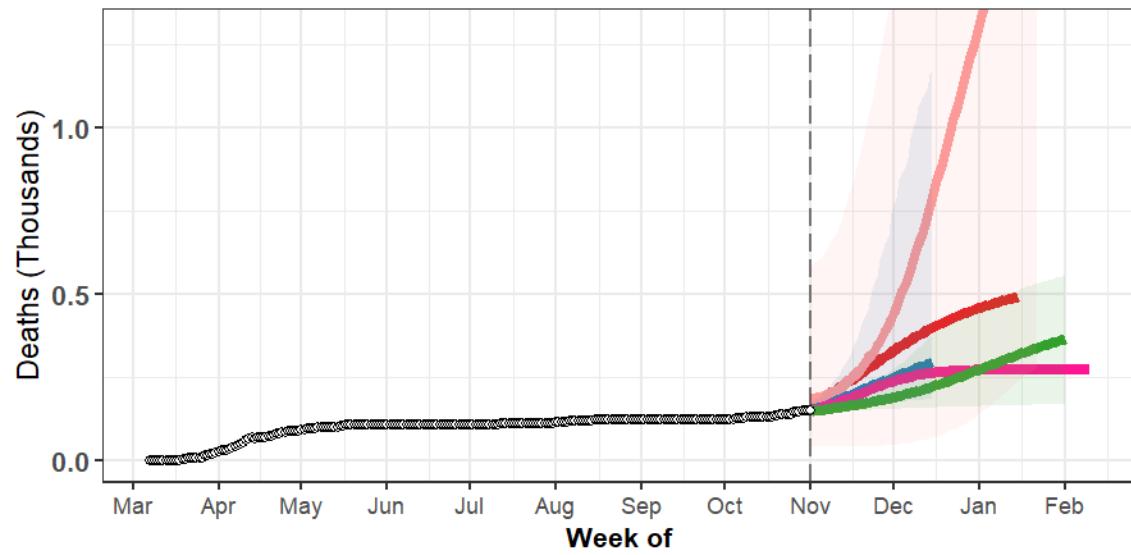


## All Cumulative Errors

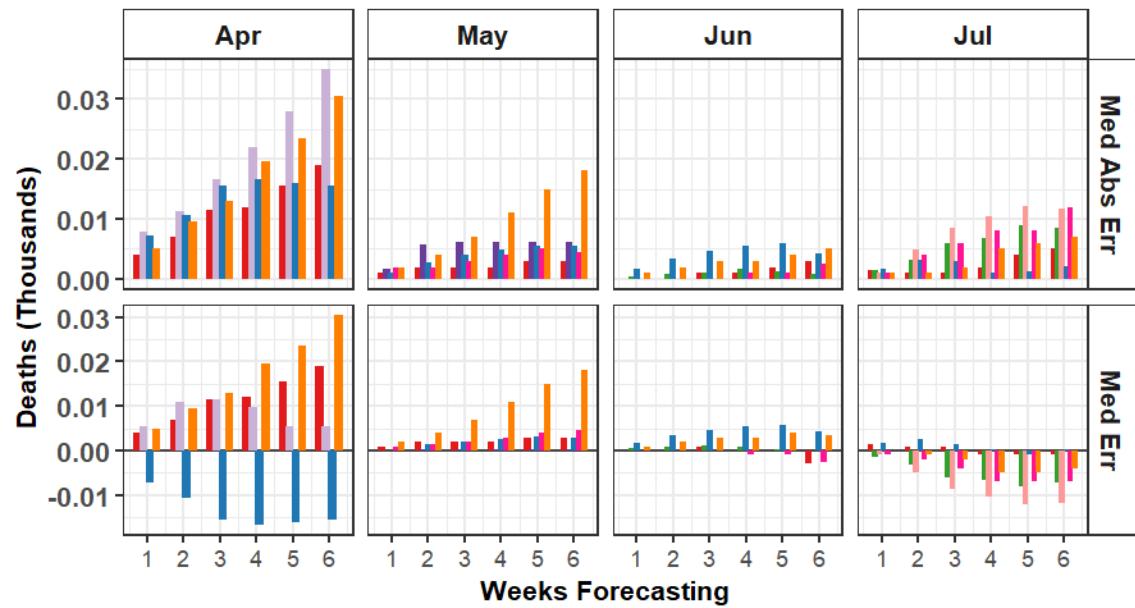


# Luxembourg

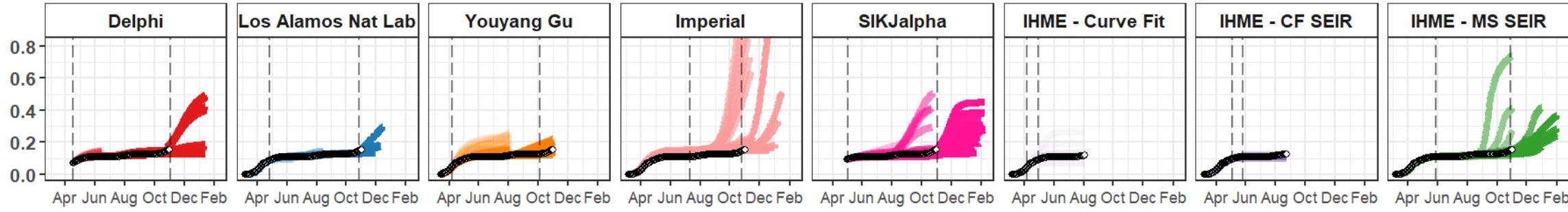
## Current Forecast



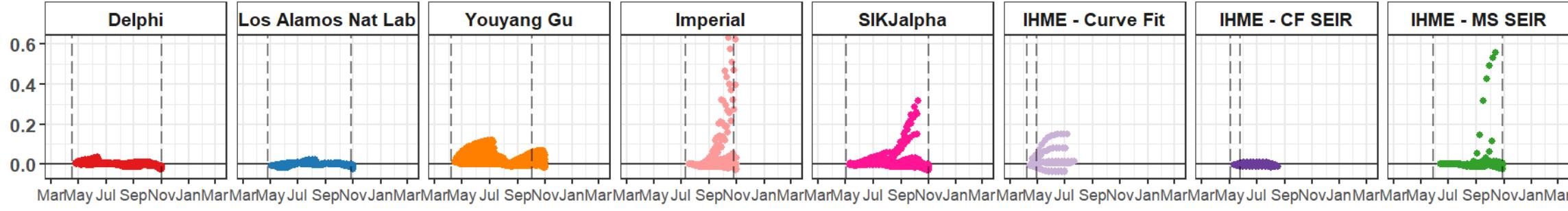
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

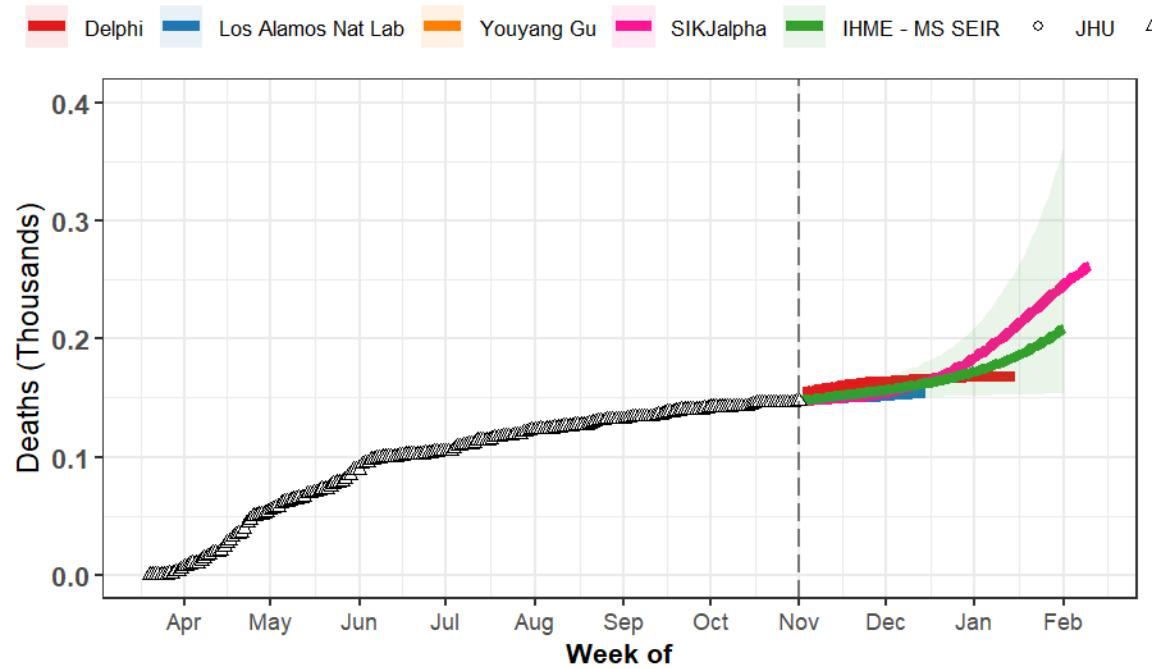


## All Cumulative Errors

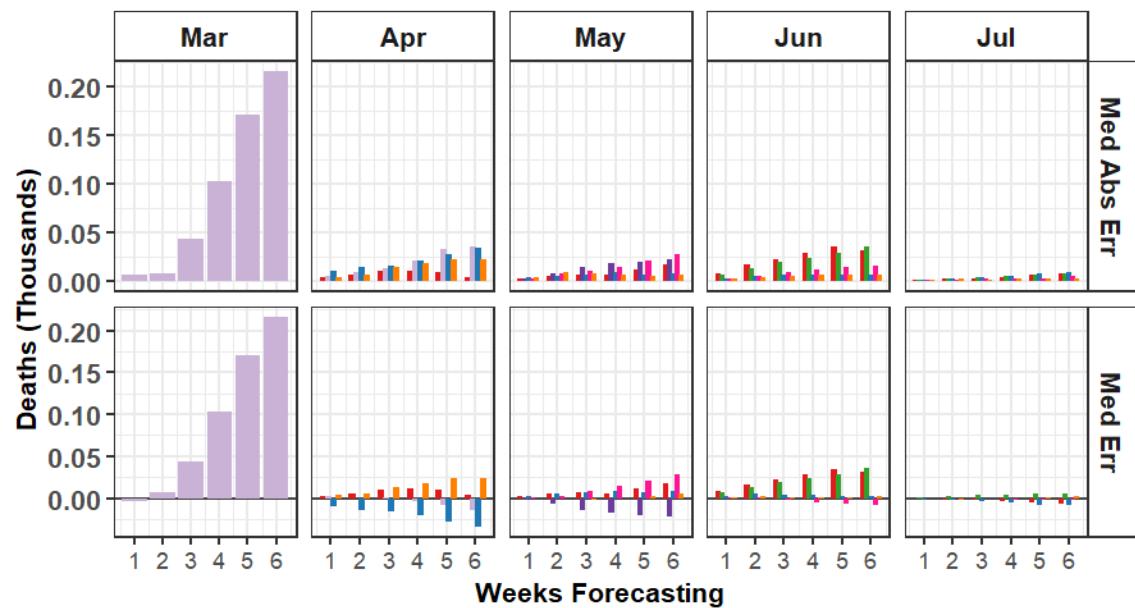


# Maine

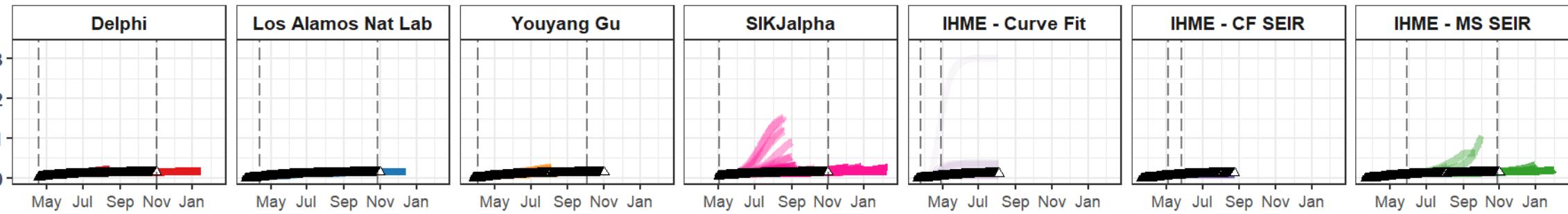
## Current Forecast



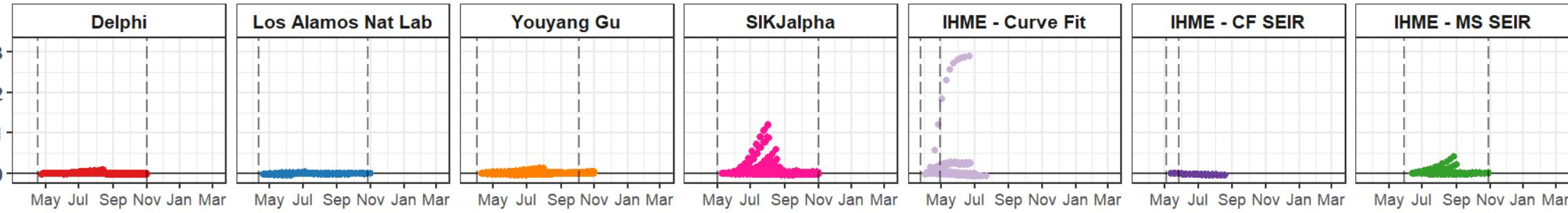
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



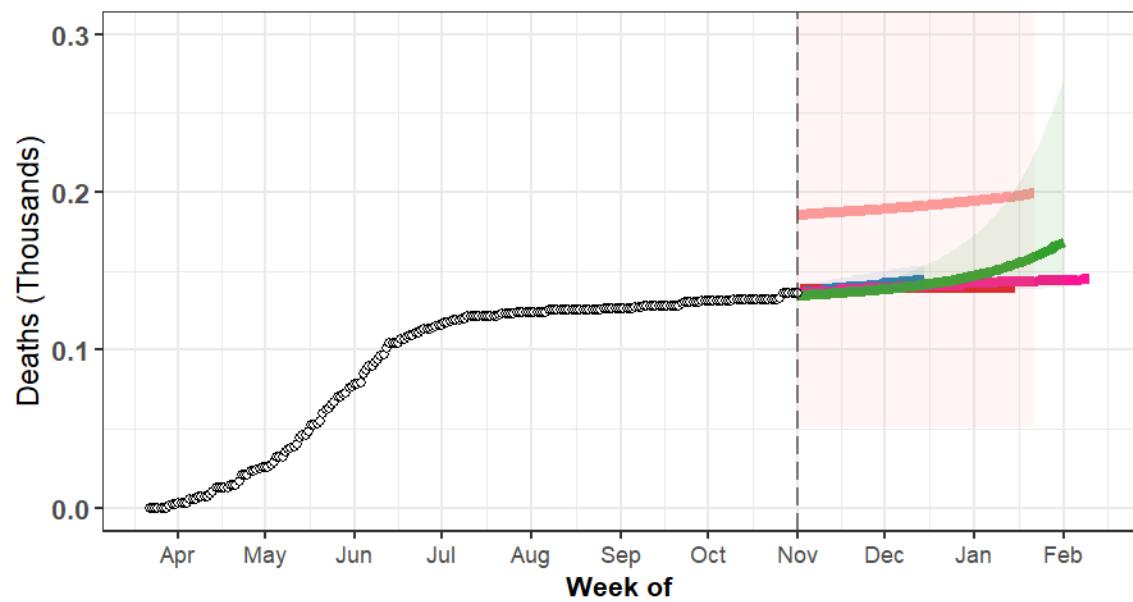
## All Cumulative Errors



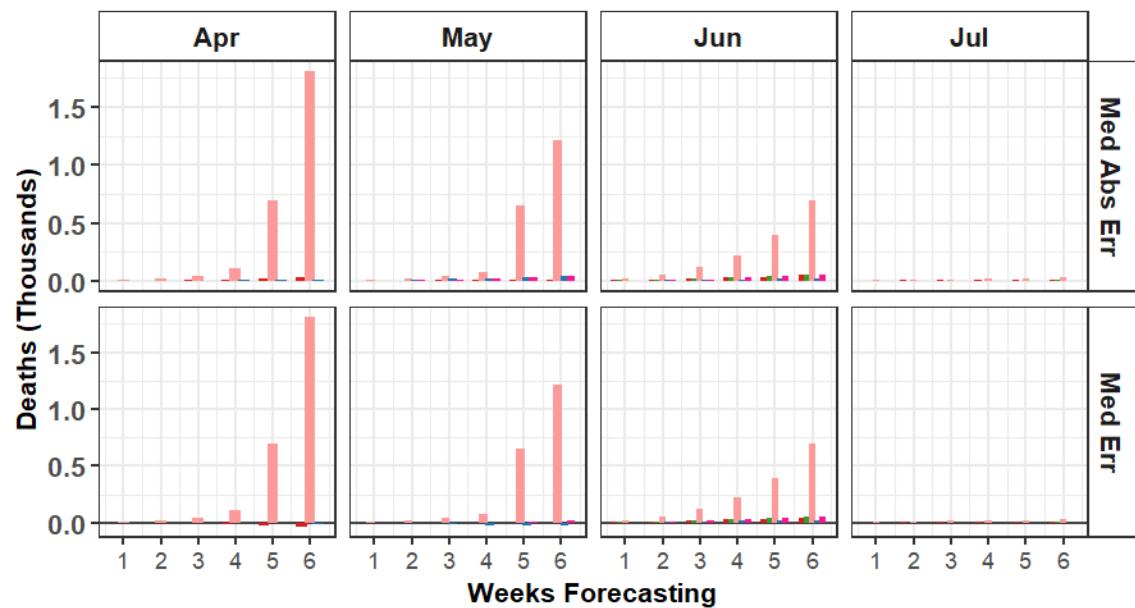
# Mali

## Current Forecast

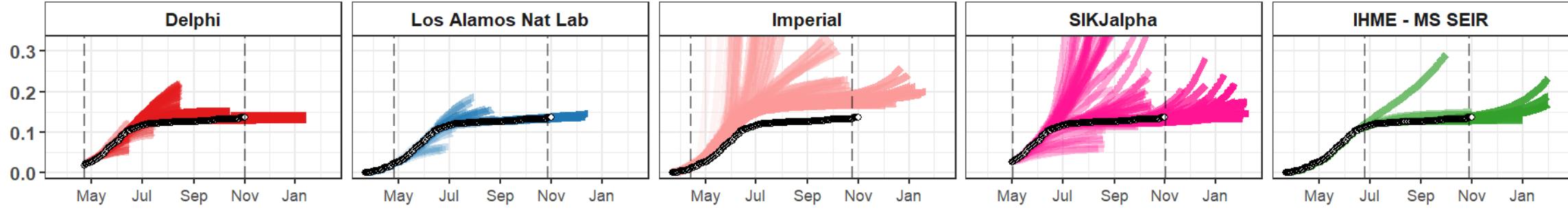
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



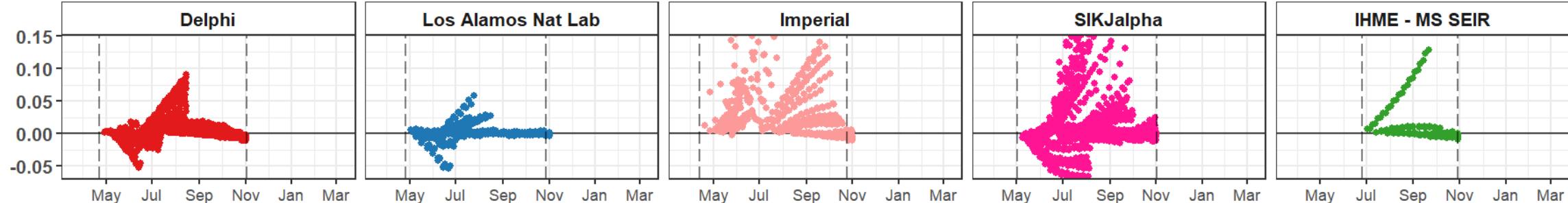
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

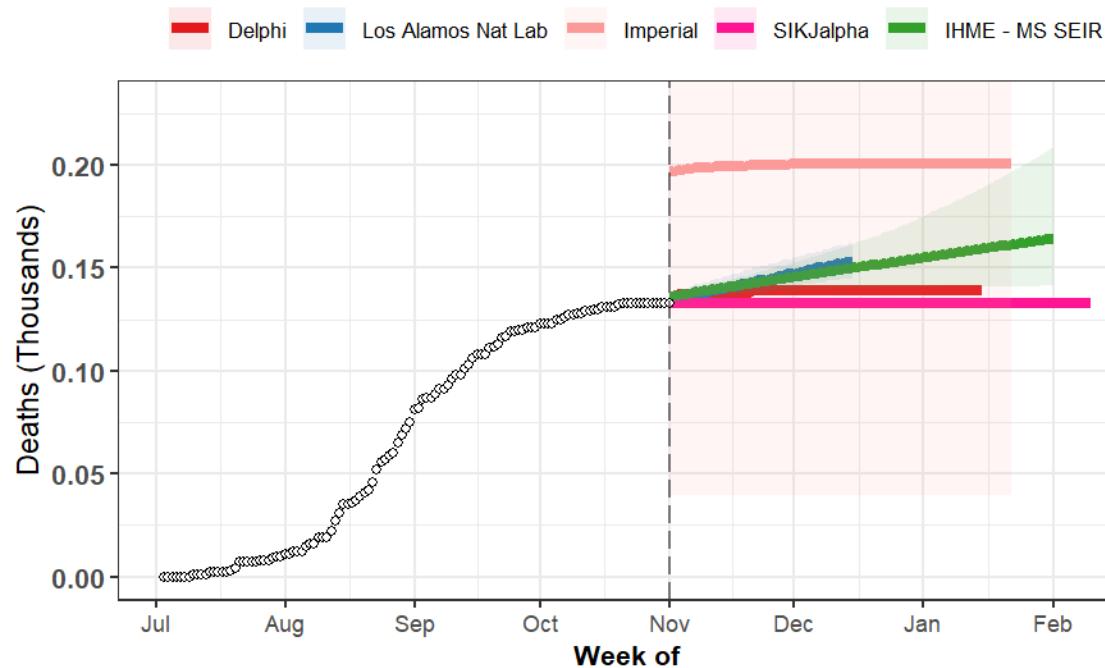


## All Cumulative Errors

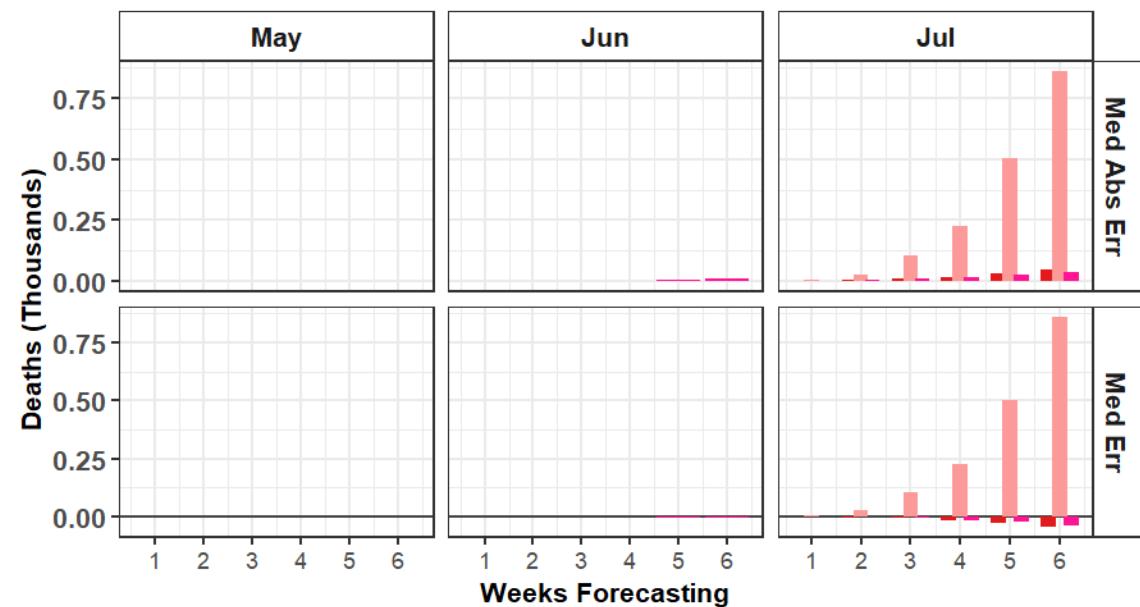


# Namibia

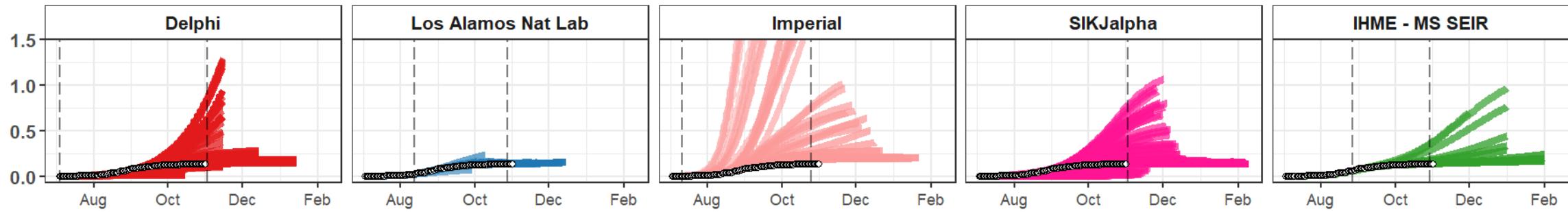
## Current Forecast



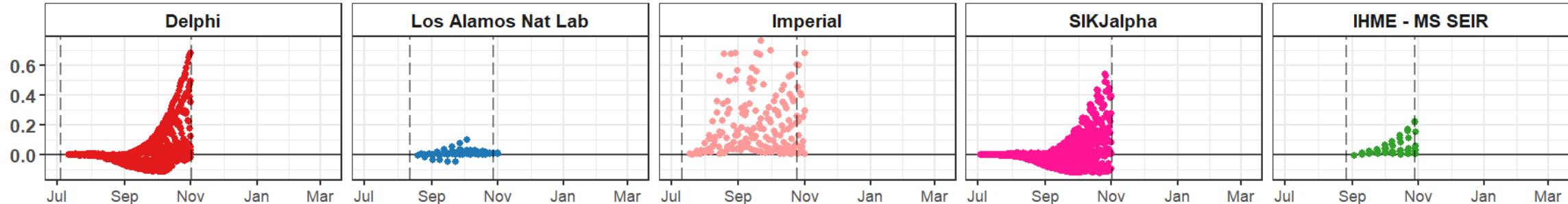
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

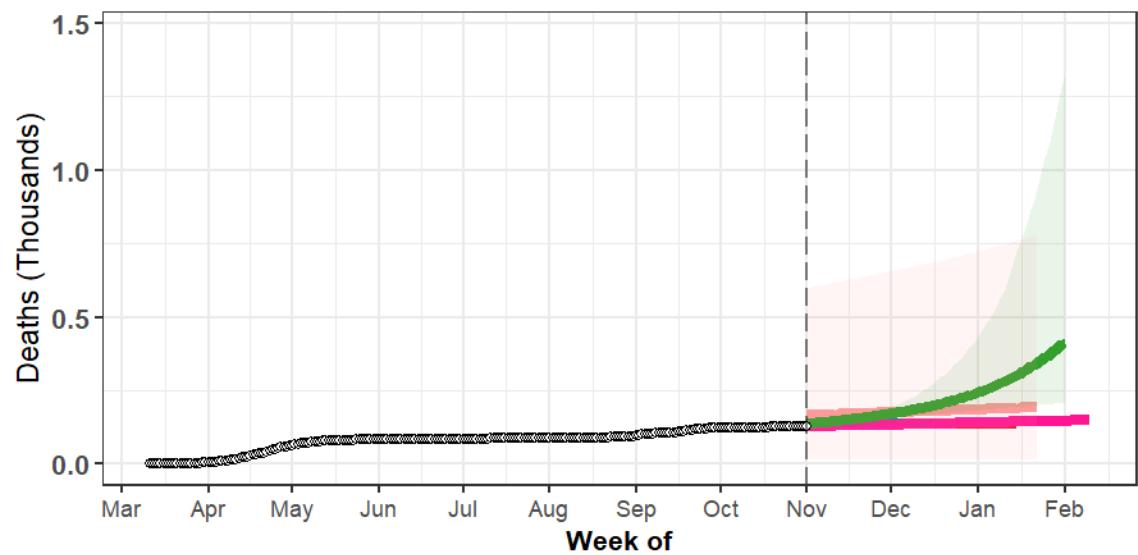


## All Cumulative Errors

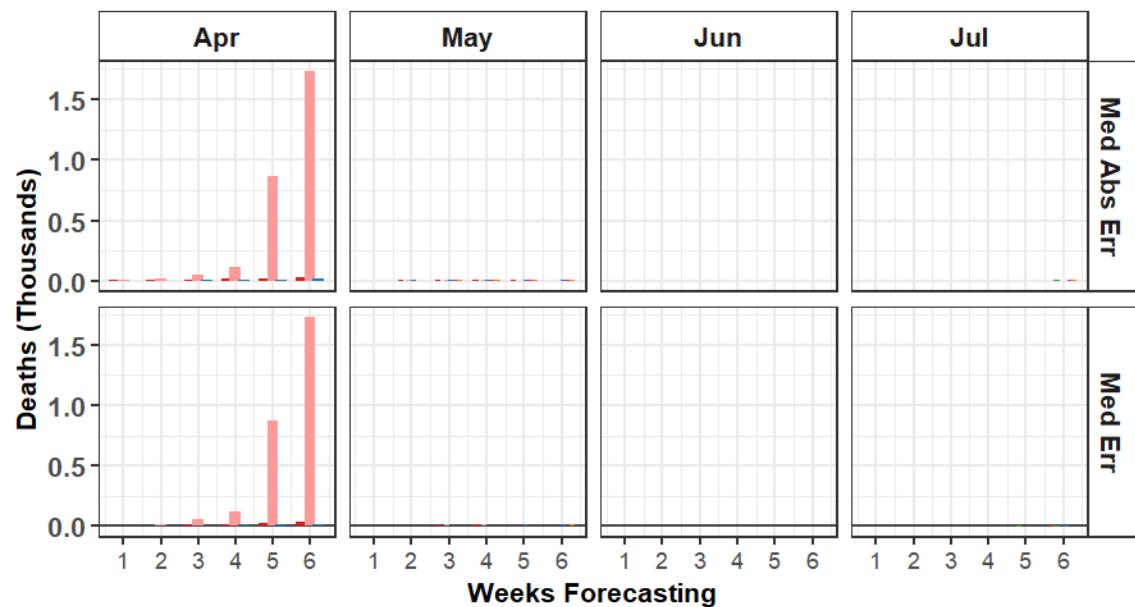


# Cuba

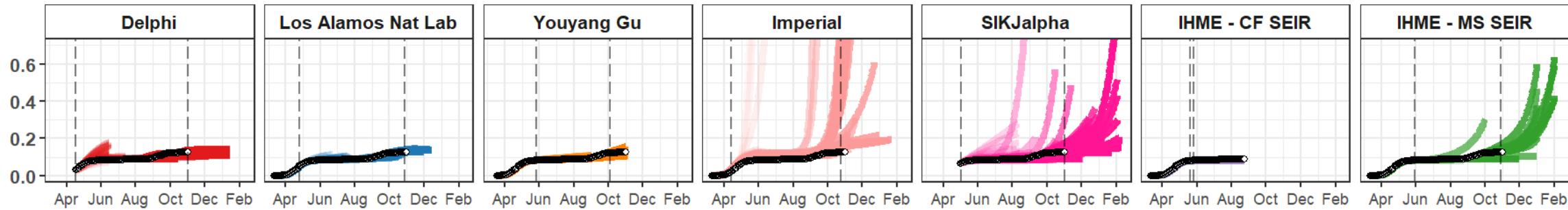
## Current Forecast



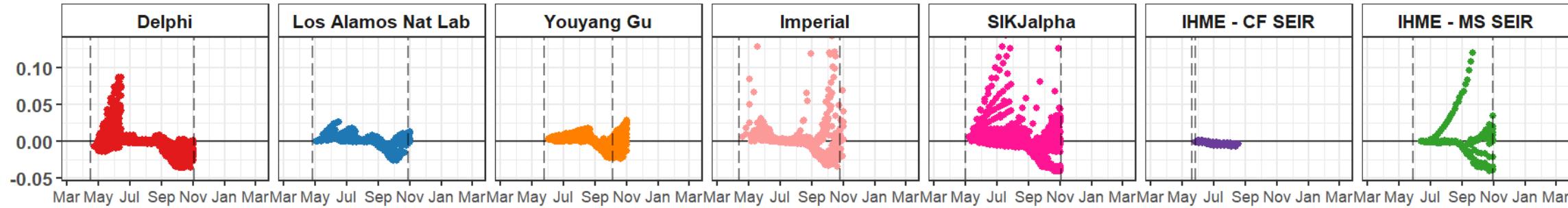
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



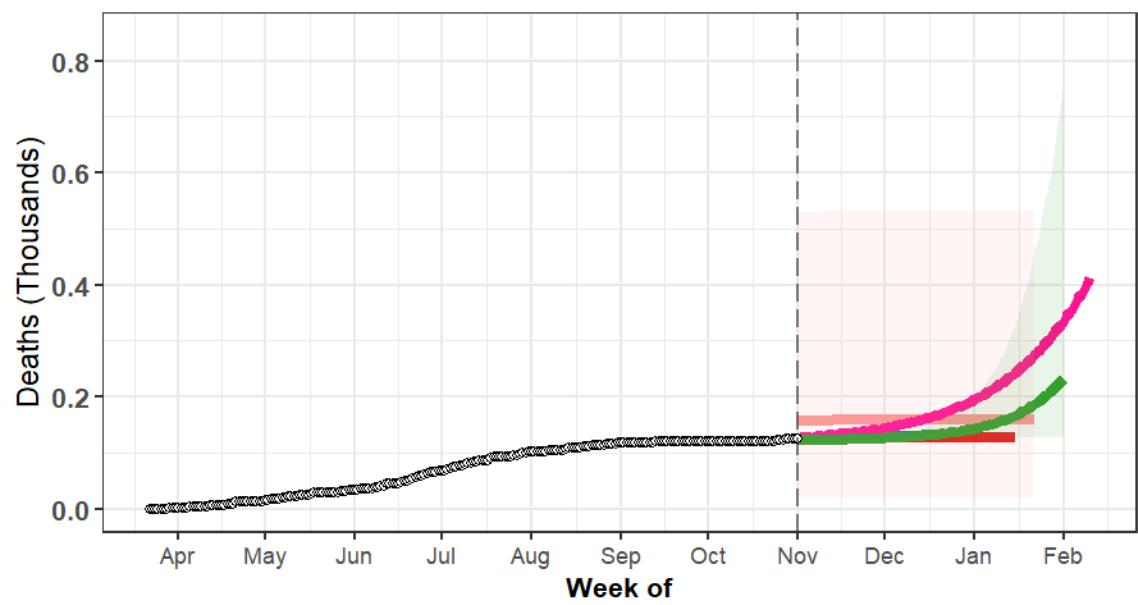
## All Cumulative Errors



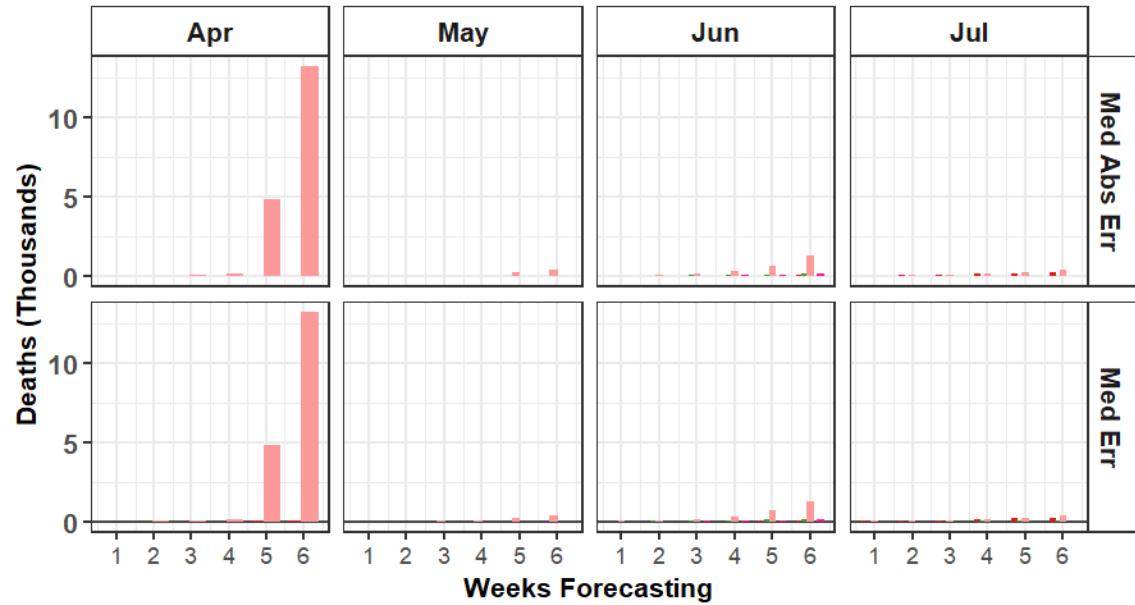
# Cote d'Ivoire

## Current Forecast

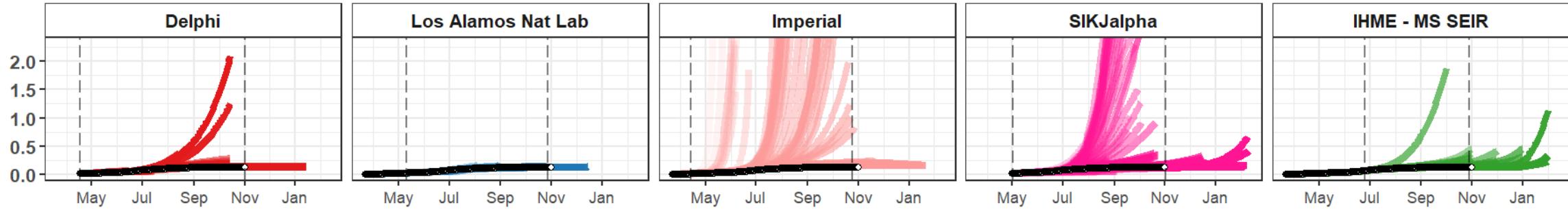
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



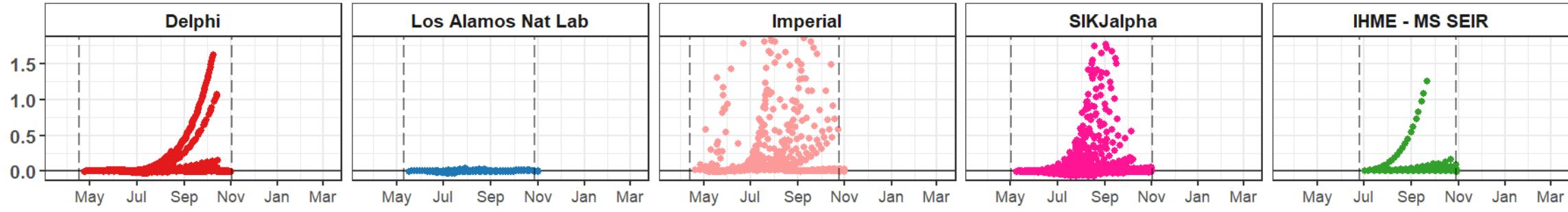
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



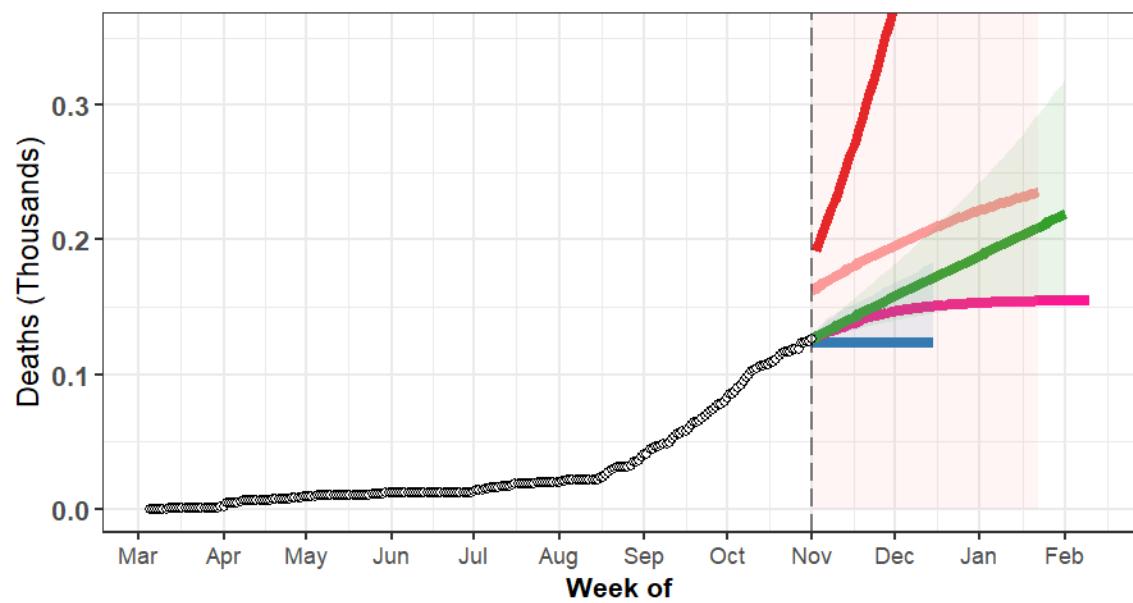
## All Cumulative Errors



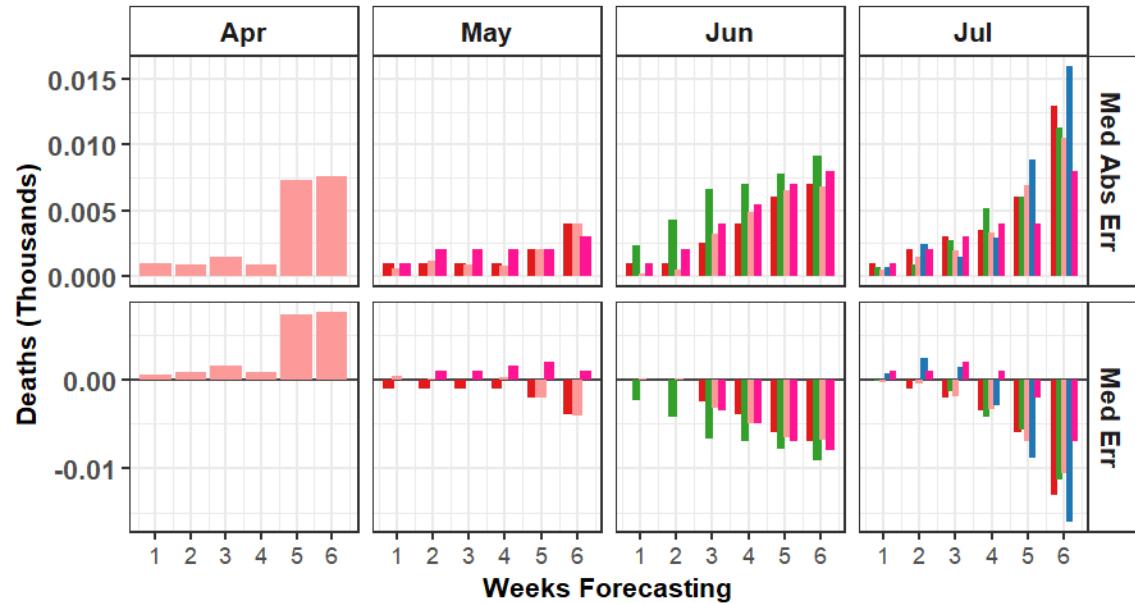
# Guyana

## Current Forecast

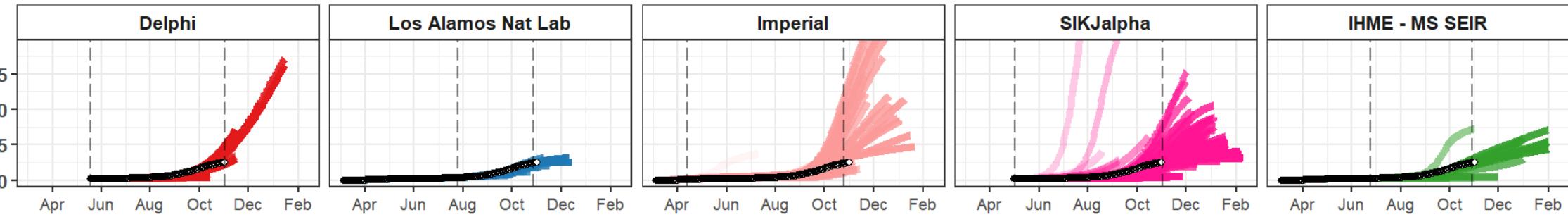
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



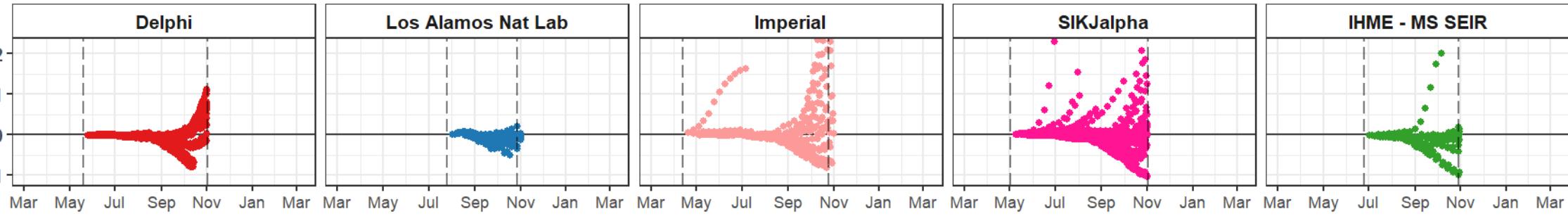
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



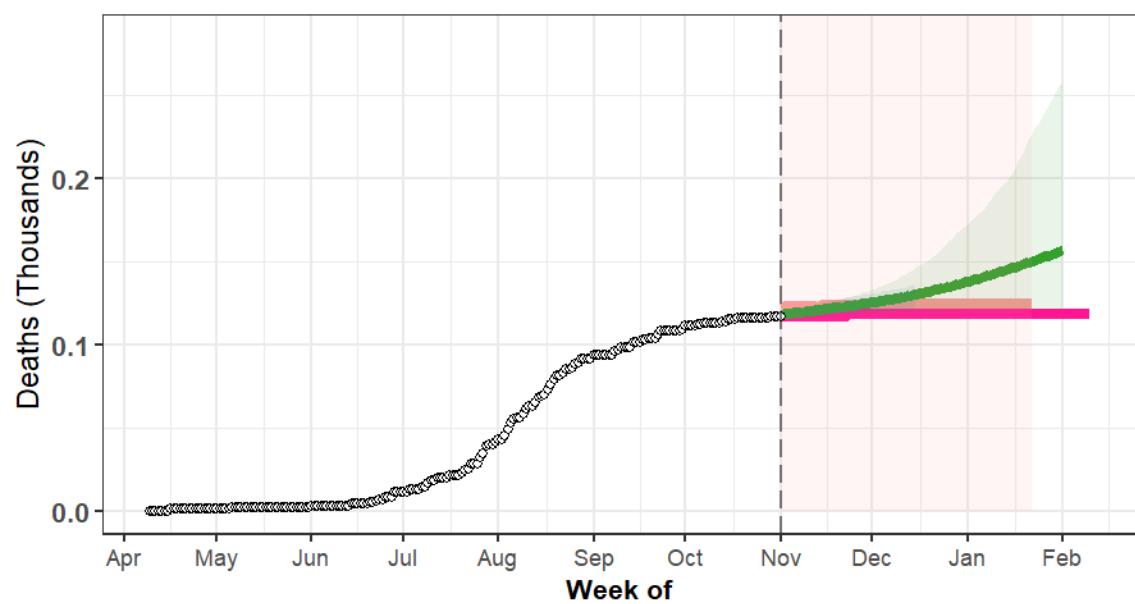
## All Cumulative Errors



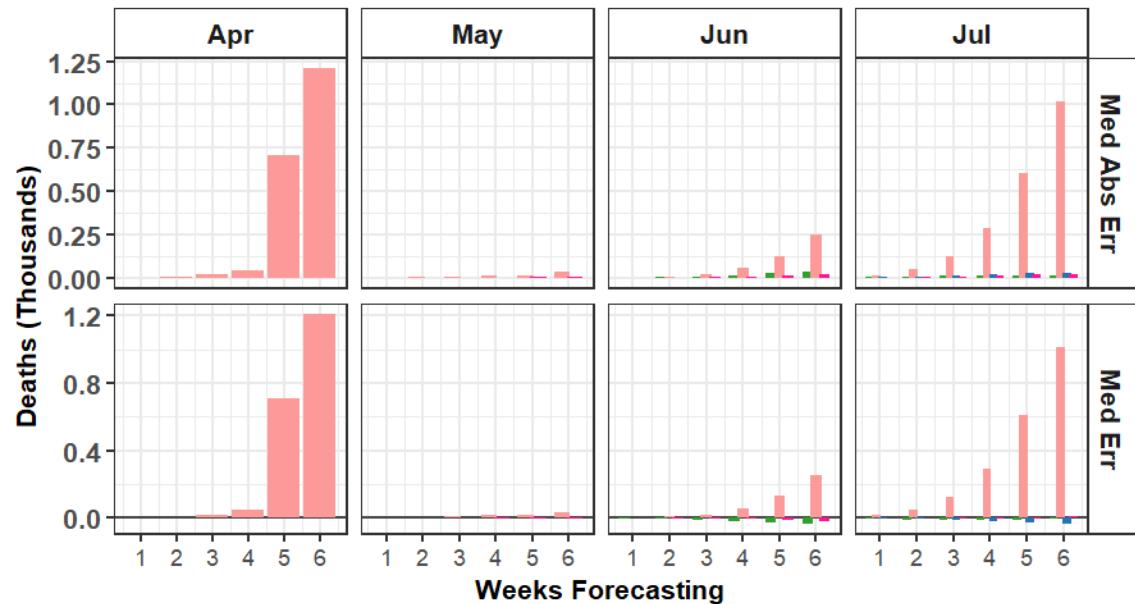
# Swaziland

## Current Forecast

Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



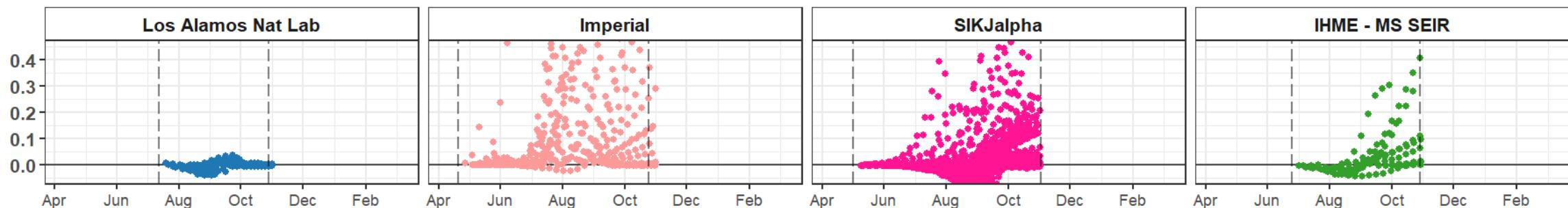
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



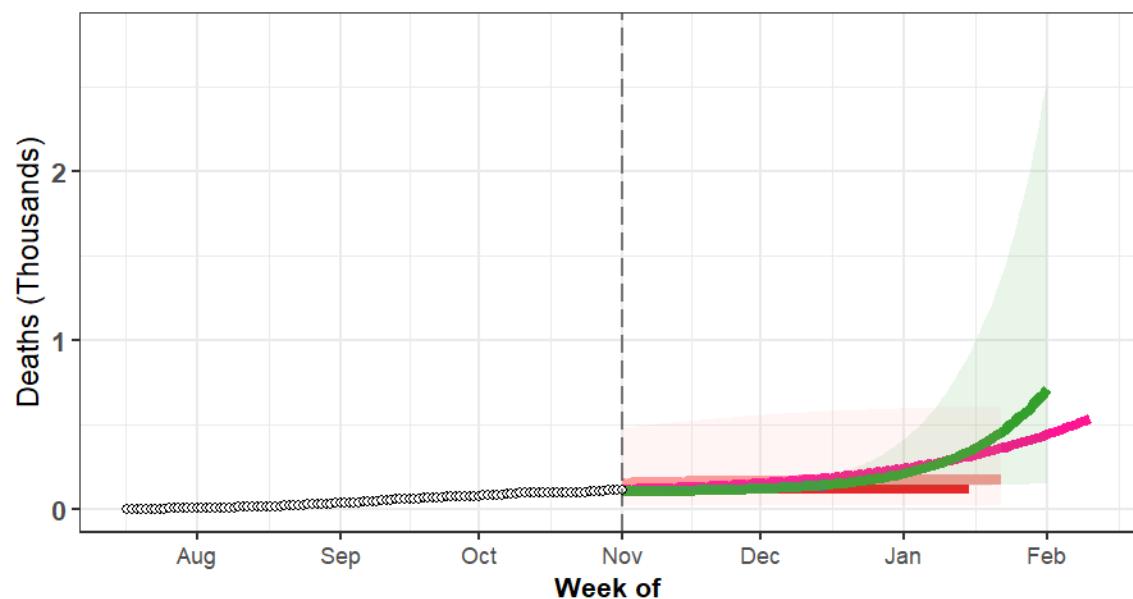
## All Cumulative Errors



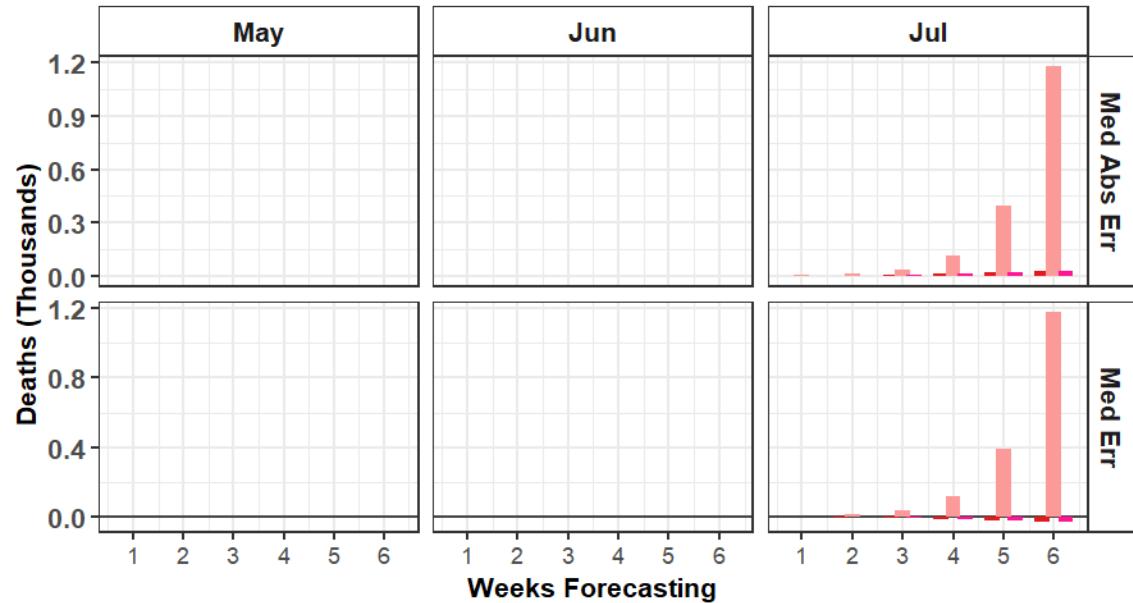
# Uganda

## Current Forecast

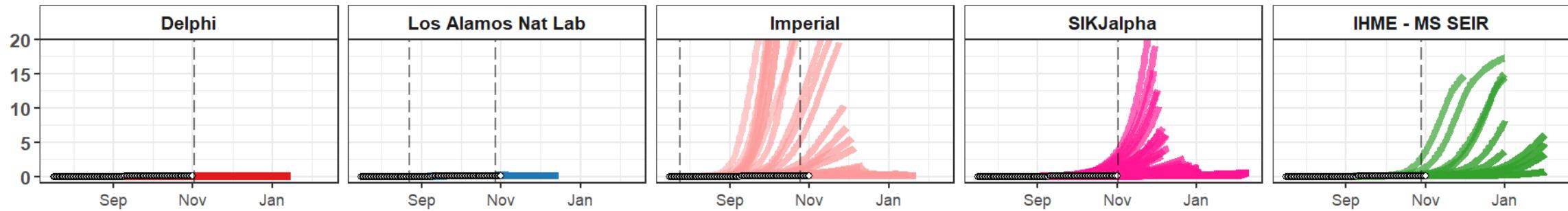
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



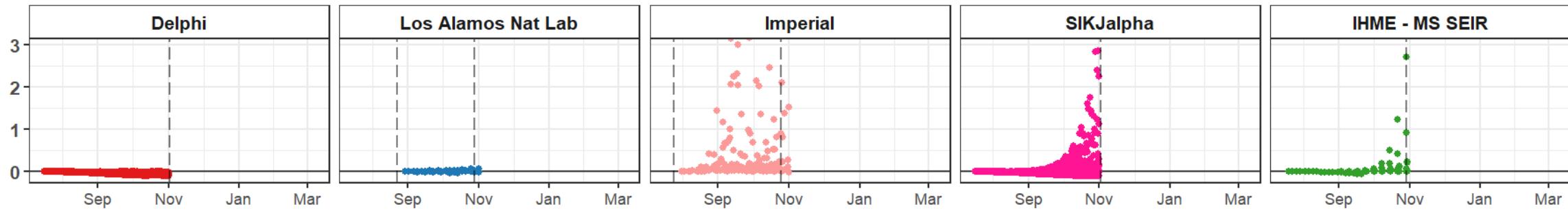
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



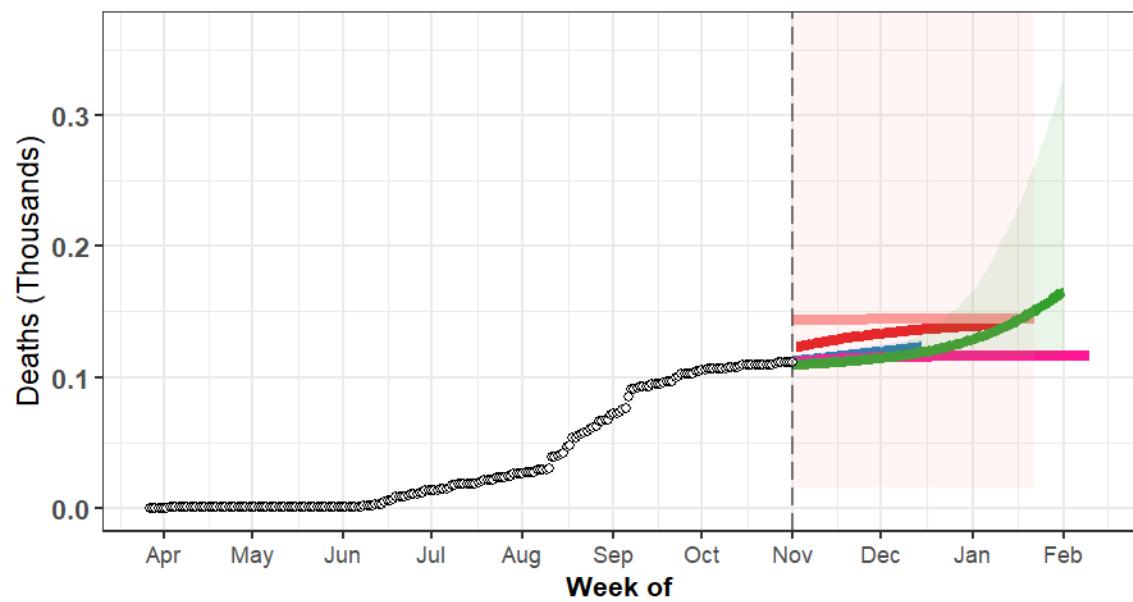
## All Cumulative Errors



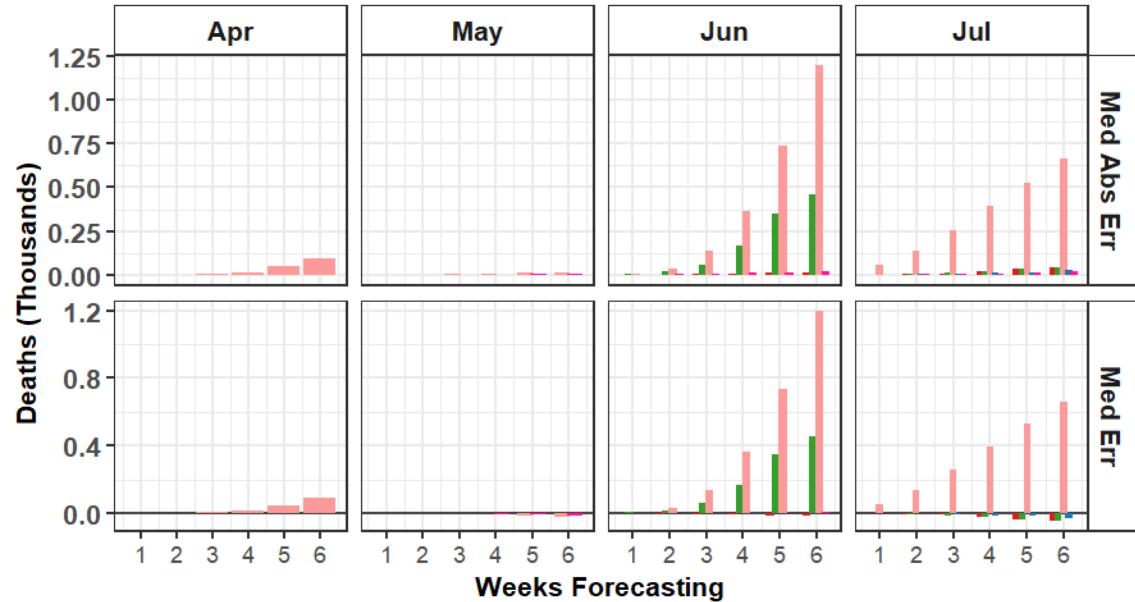
# Suriname

## Current Forecast

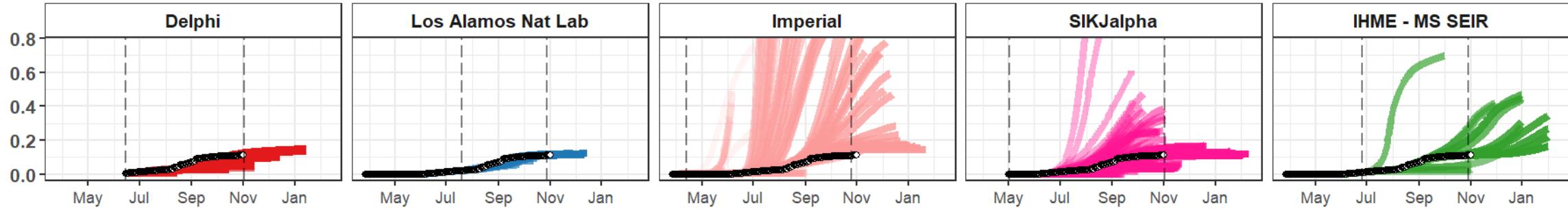
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



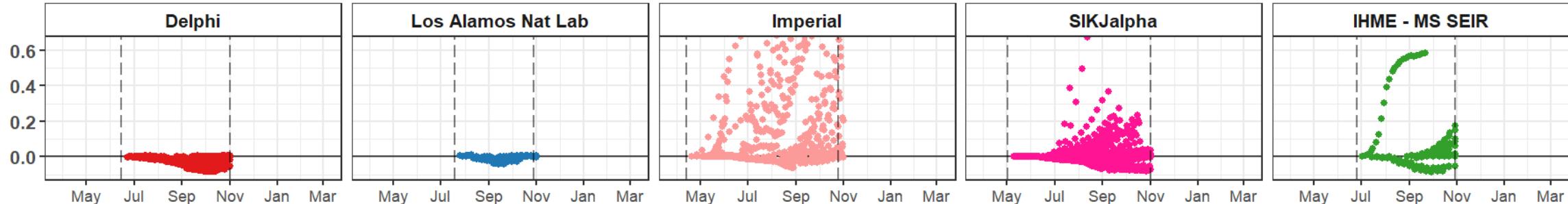
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



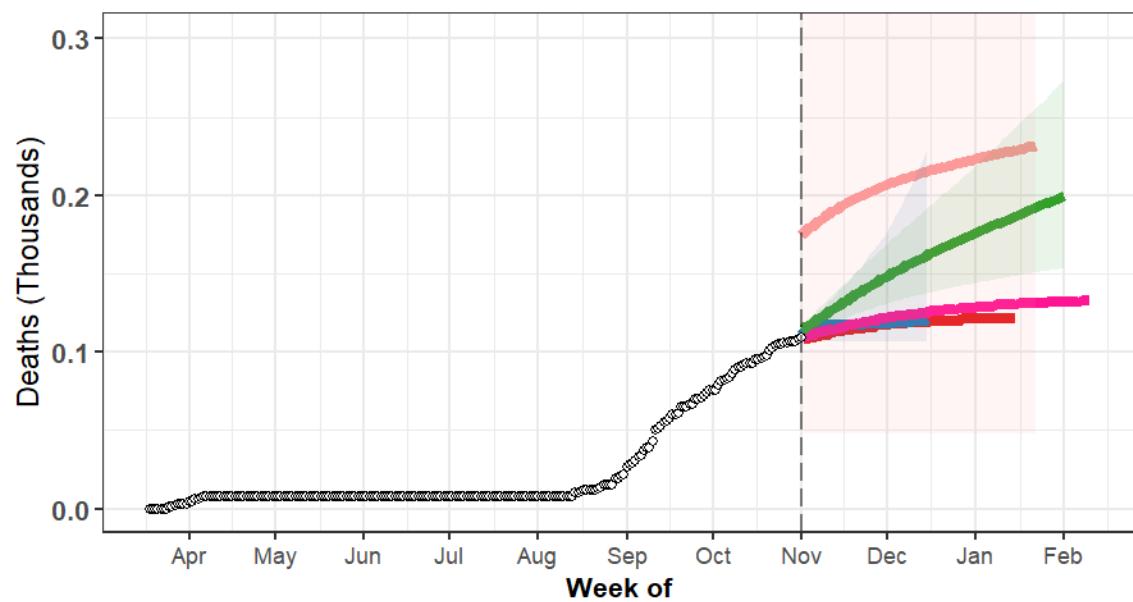
## All Cumulative Errors



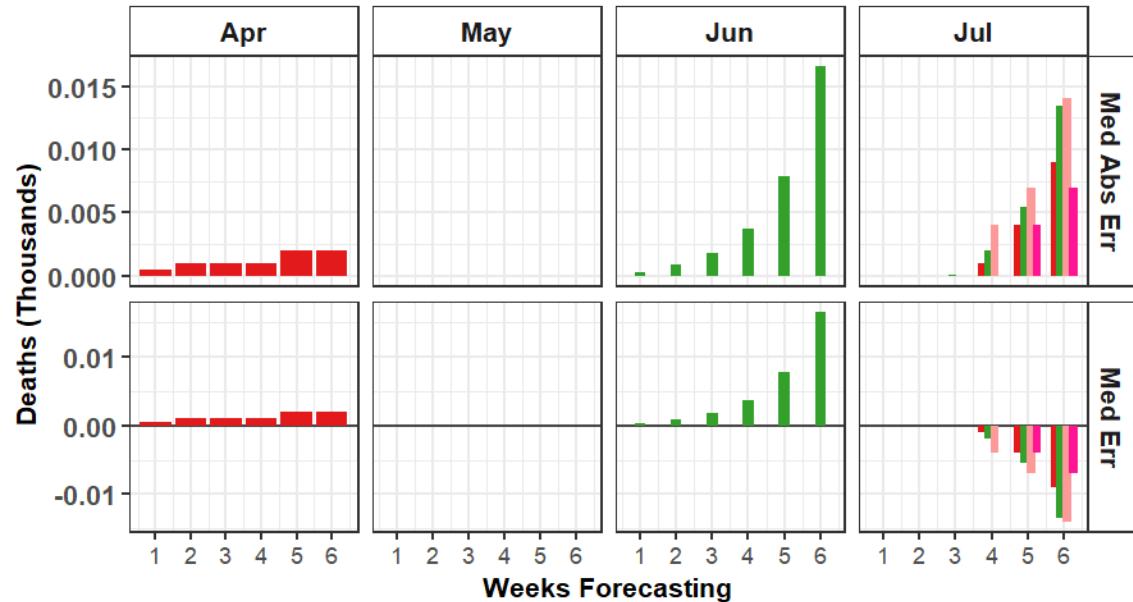
# Trinidad and Tobago

## Current Forecast

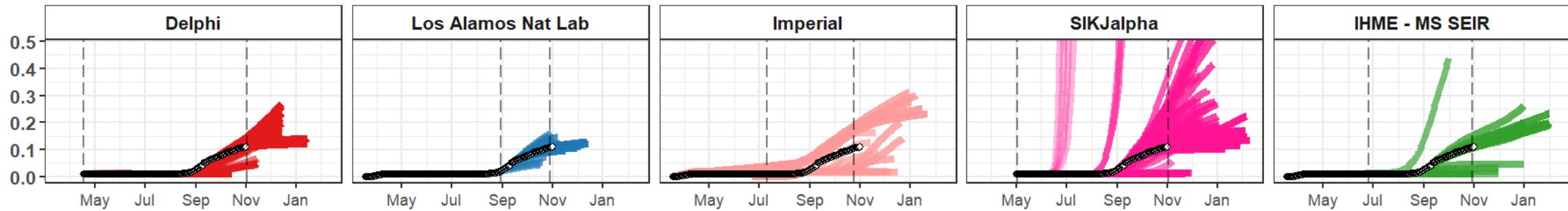
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



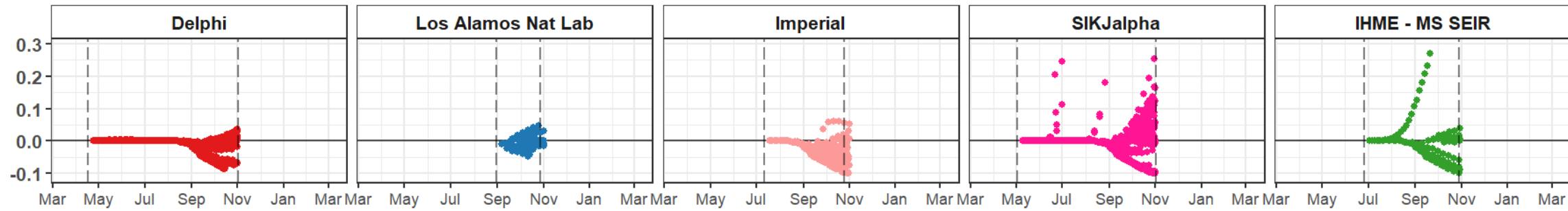
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



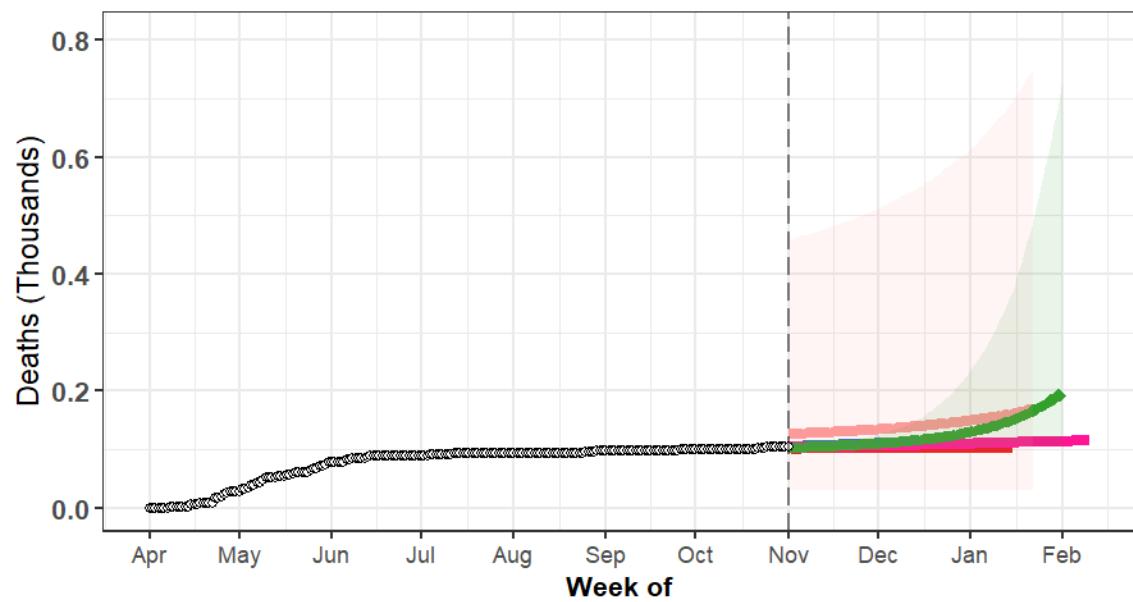
## All Cumulative Errors



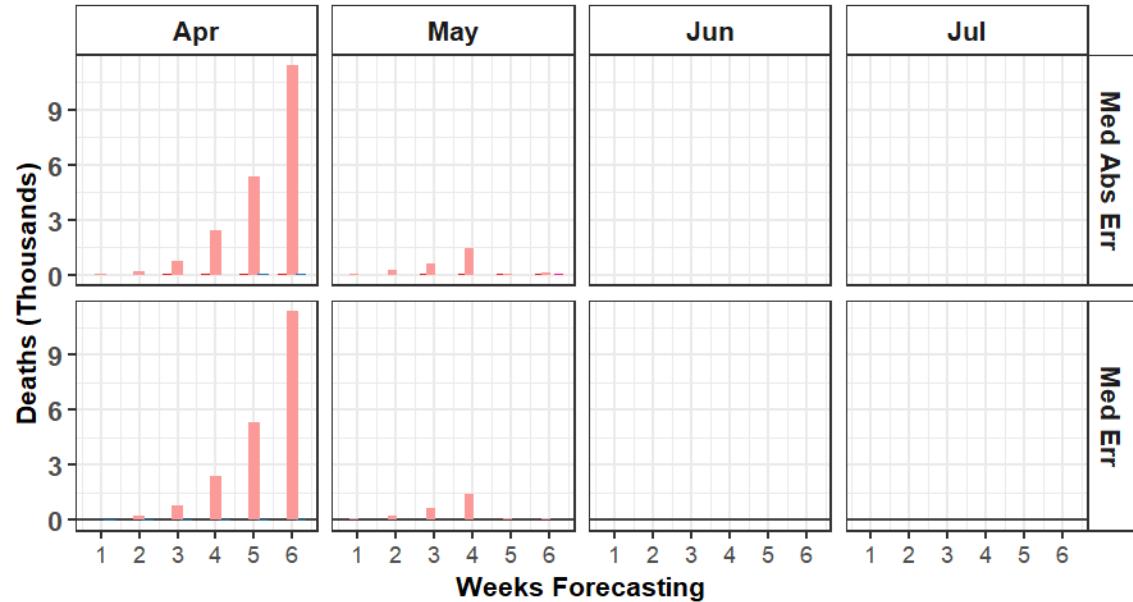
# Somalia

## Current Forecast

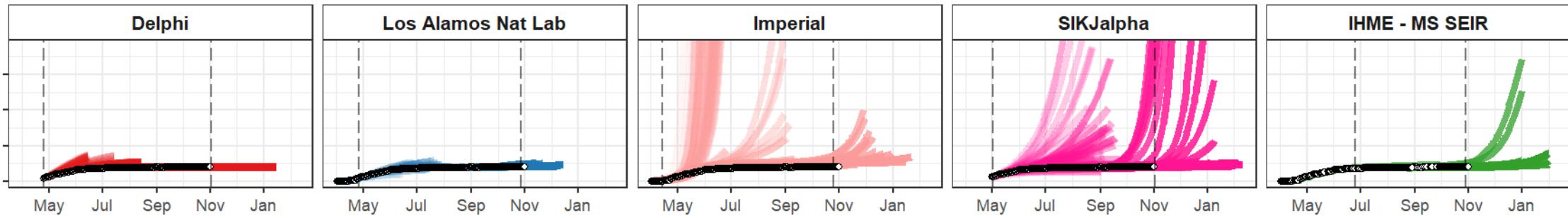
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



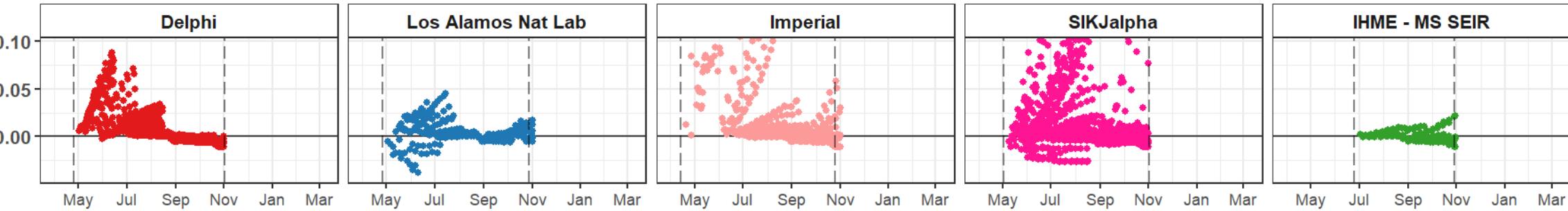
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



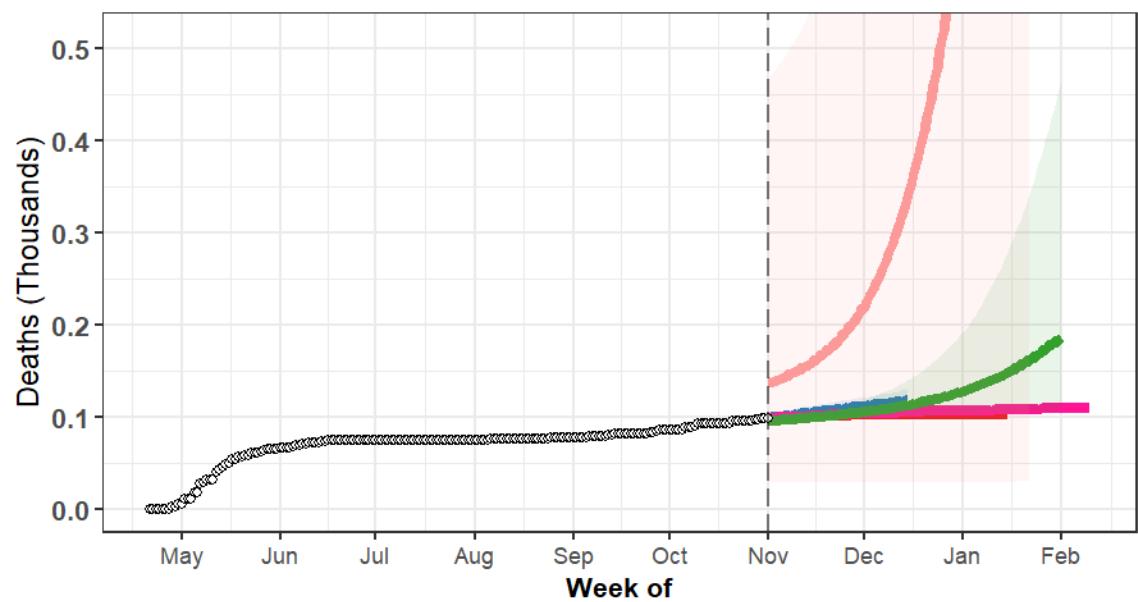
## All Cumulative Errors



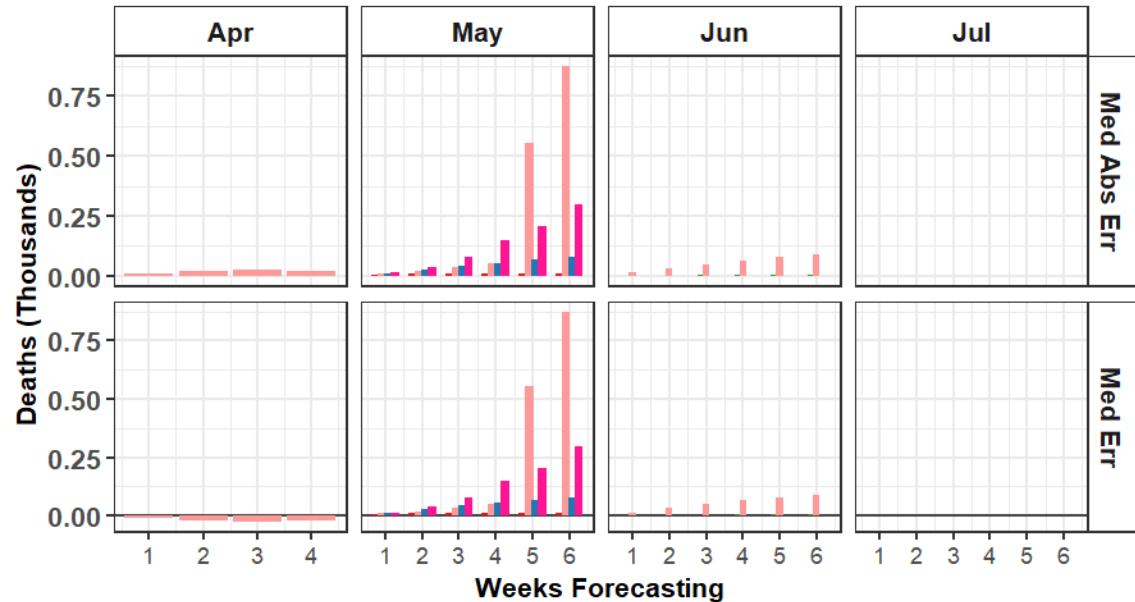
# Chad

## Current Forecast

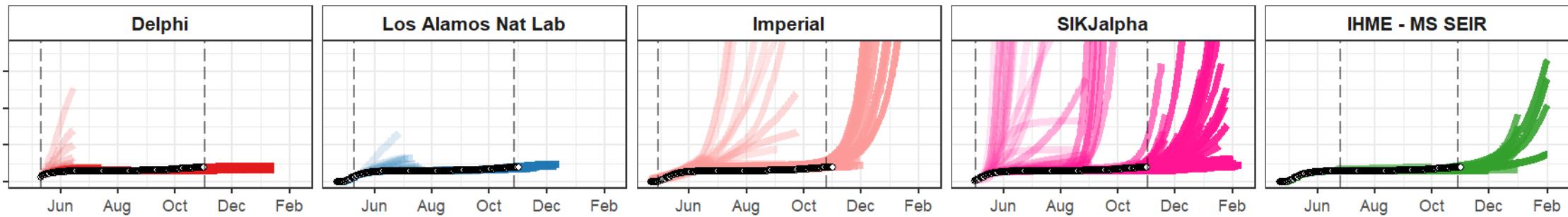
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



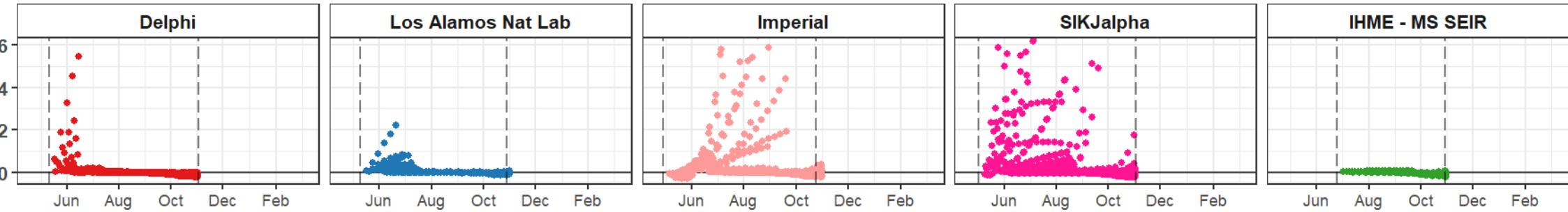
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



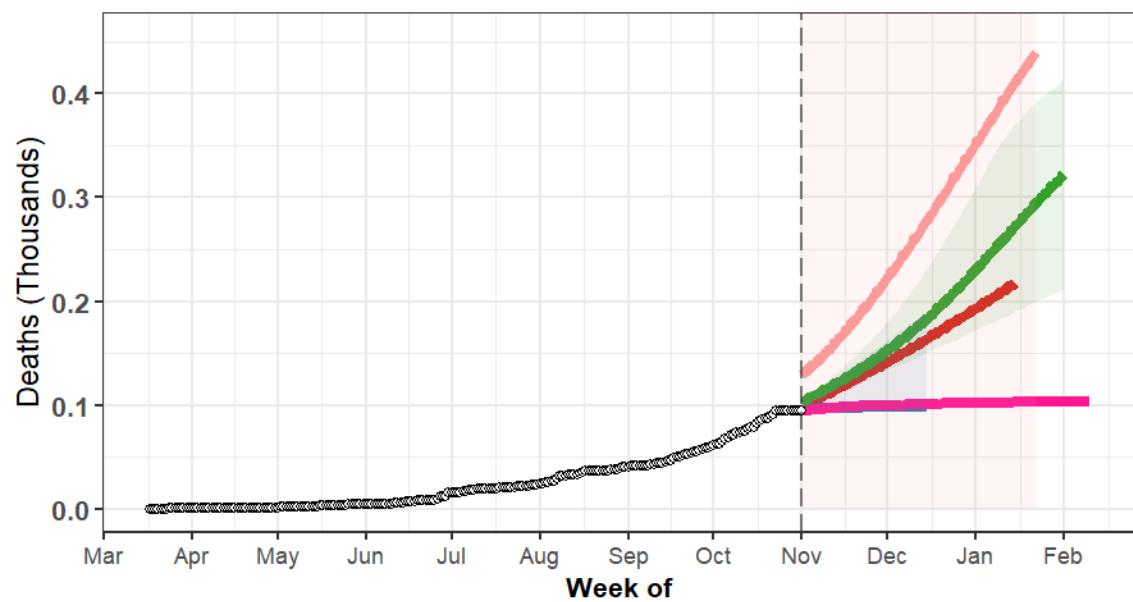
## All Cumulative Errors



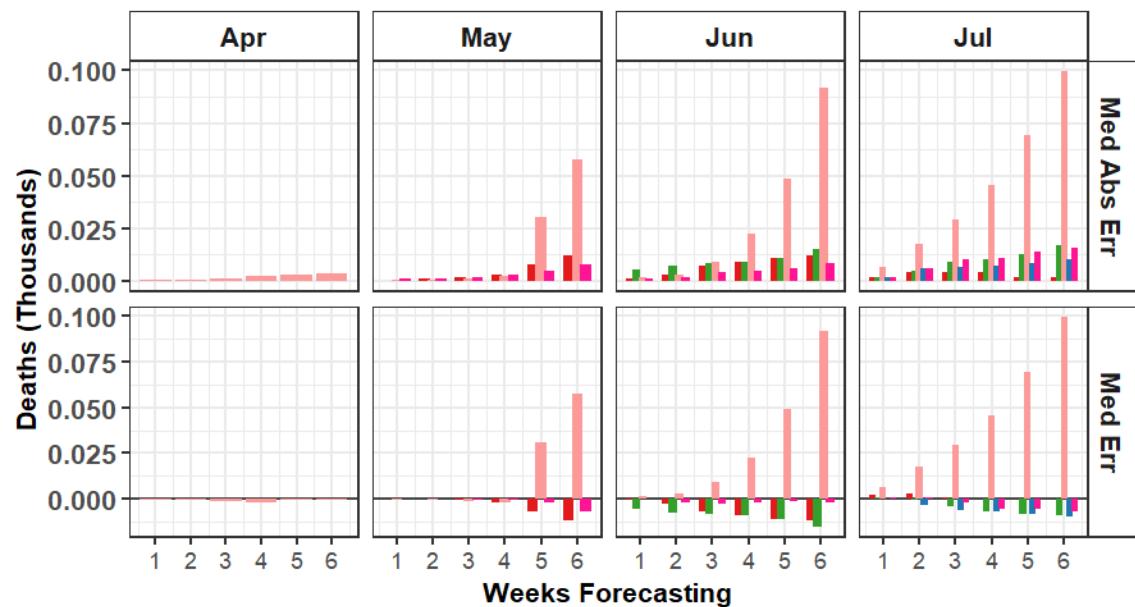
# Cape Verde

## Current Forecast

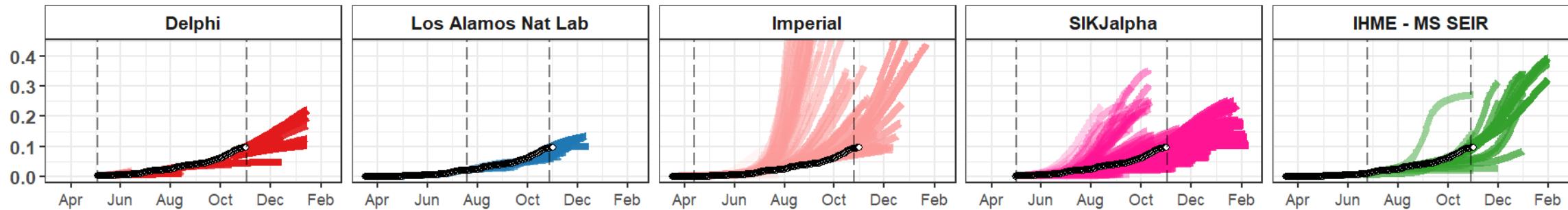
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



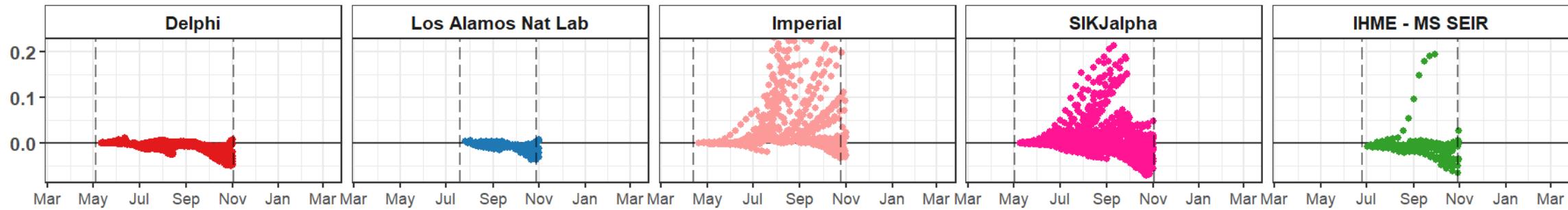
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

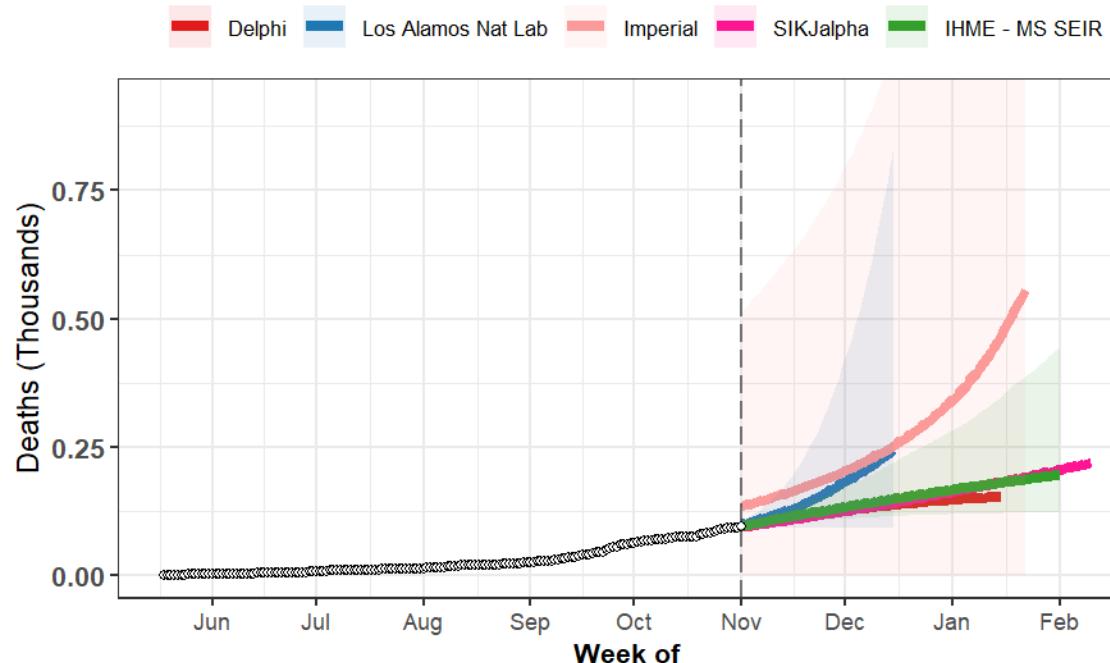


## All Cumulative Errors

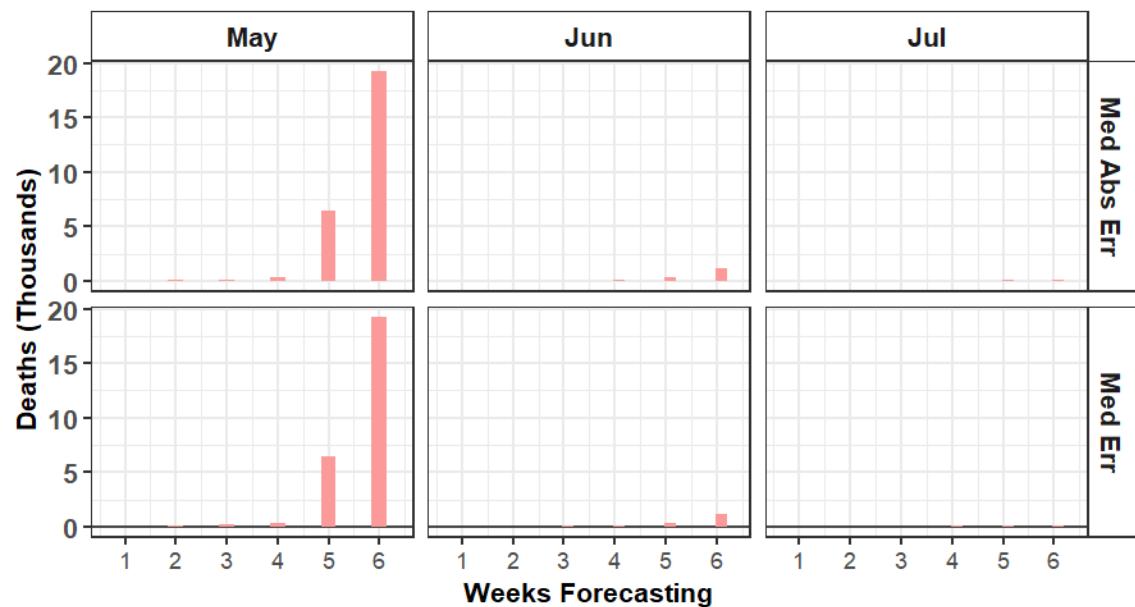


# Mozambique

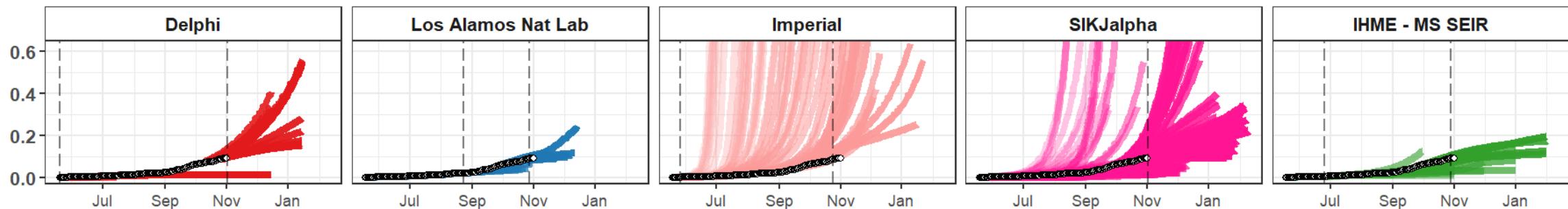
## Current Forecast



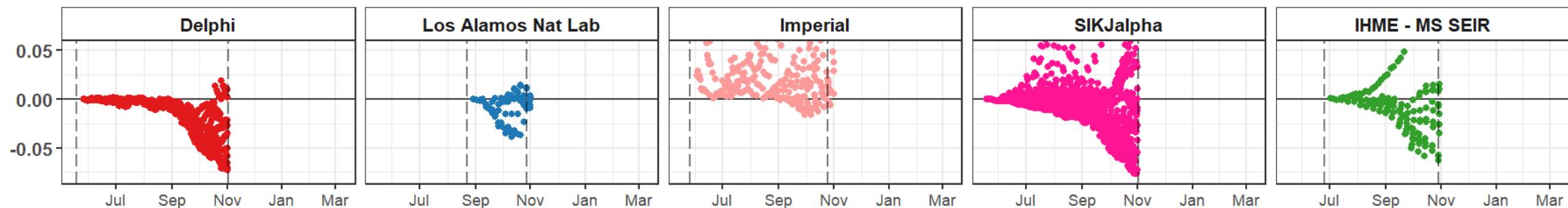
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



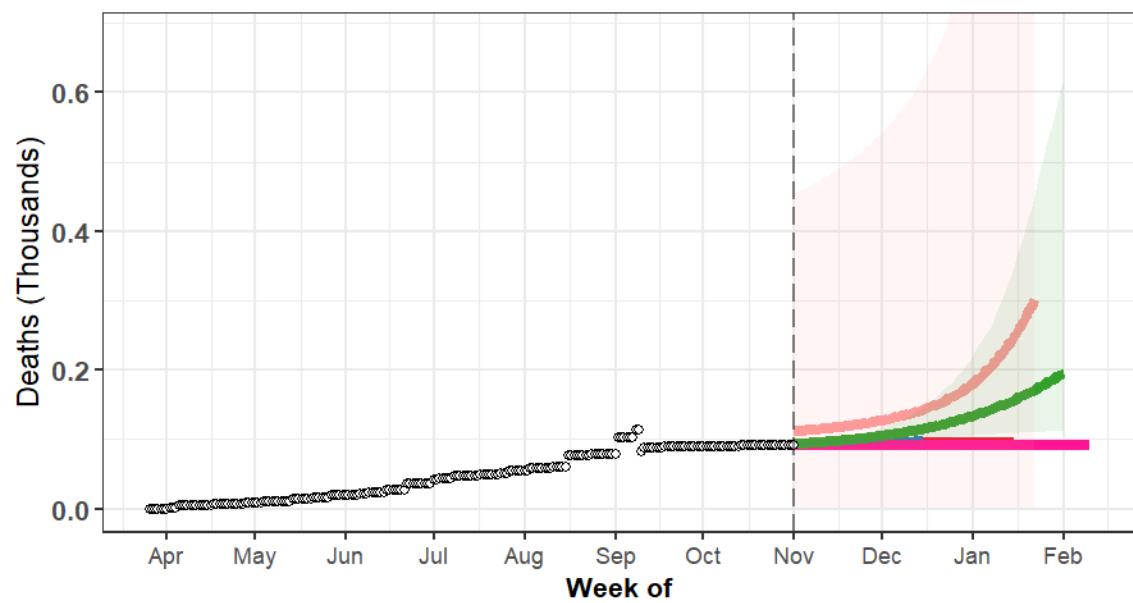
## All Cumulative Errors



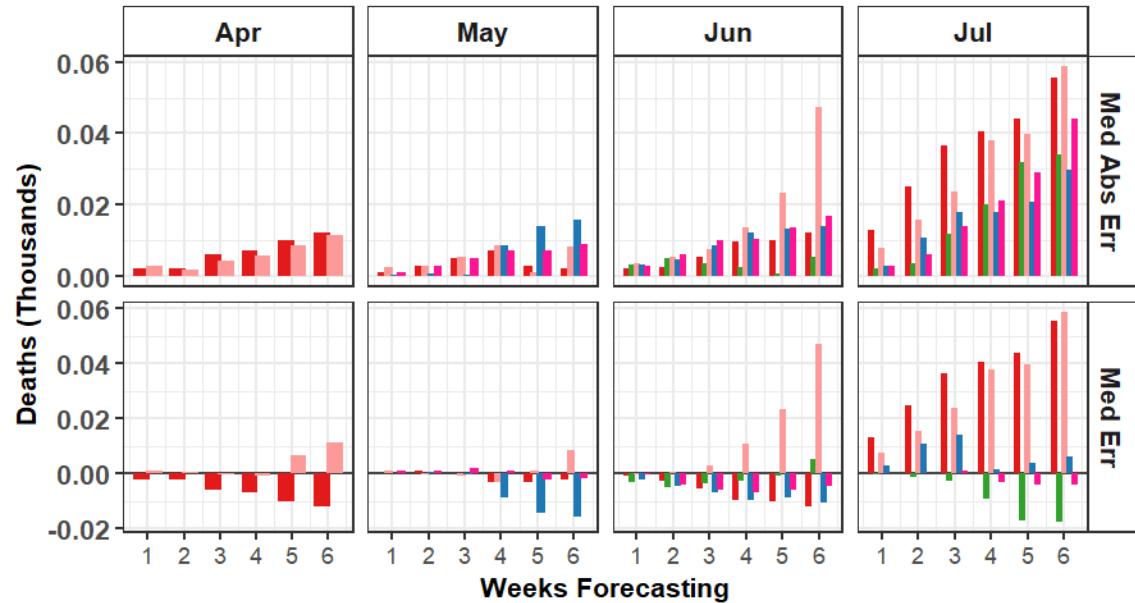
# Congo

## Current Forecast

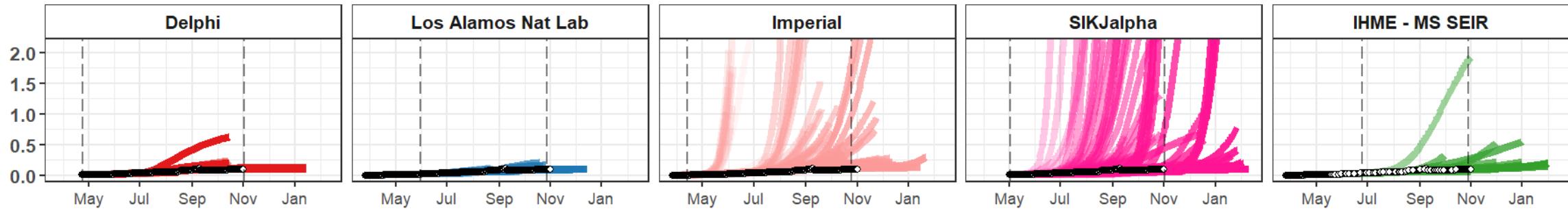
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



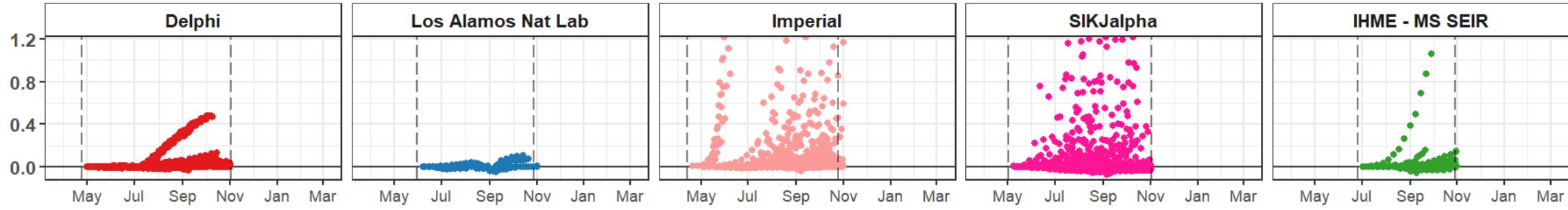
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

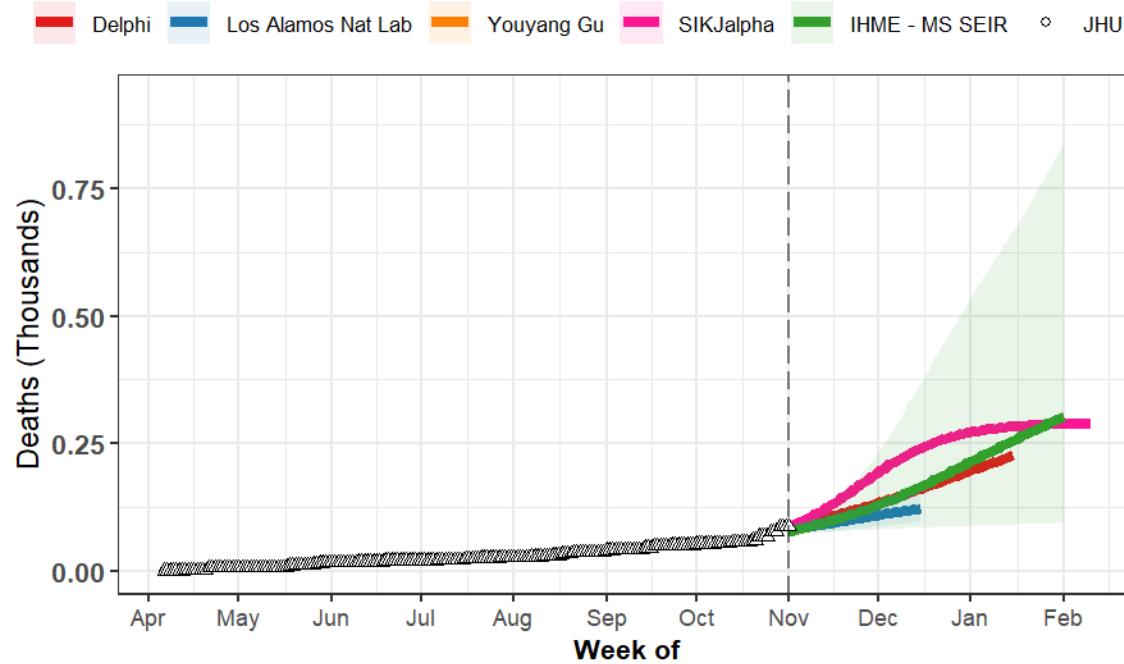


## All Cumulative Errors

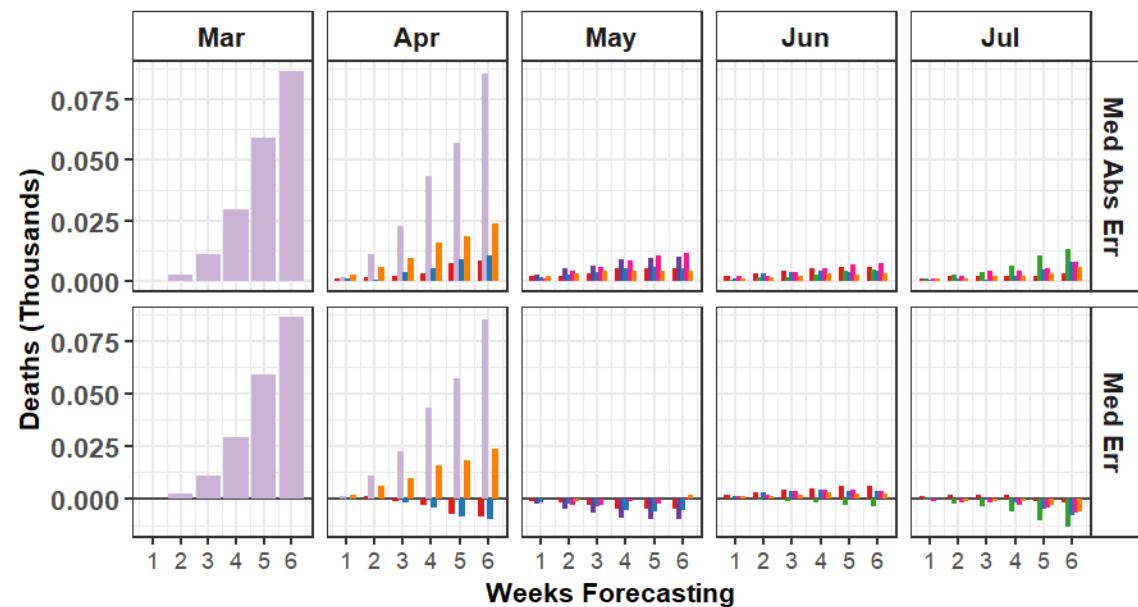


# Wyoming

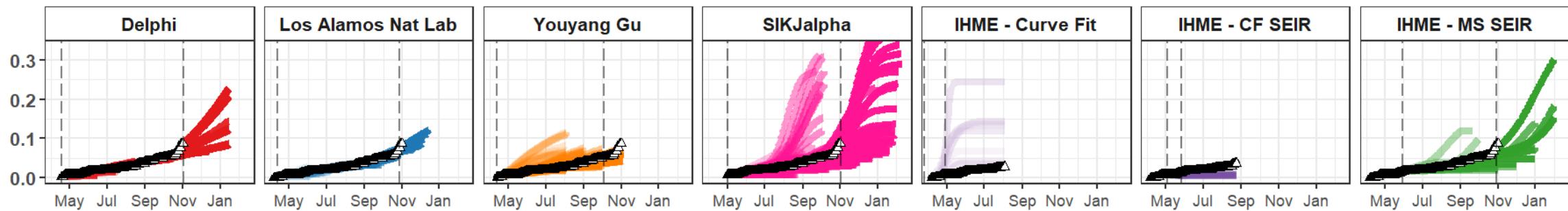
## Current Forecast



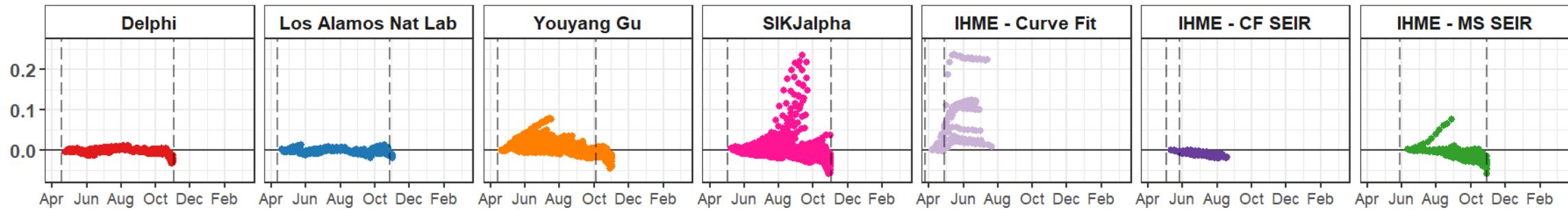
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

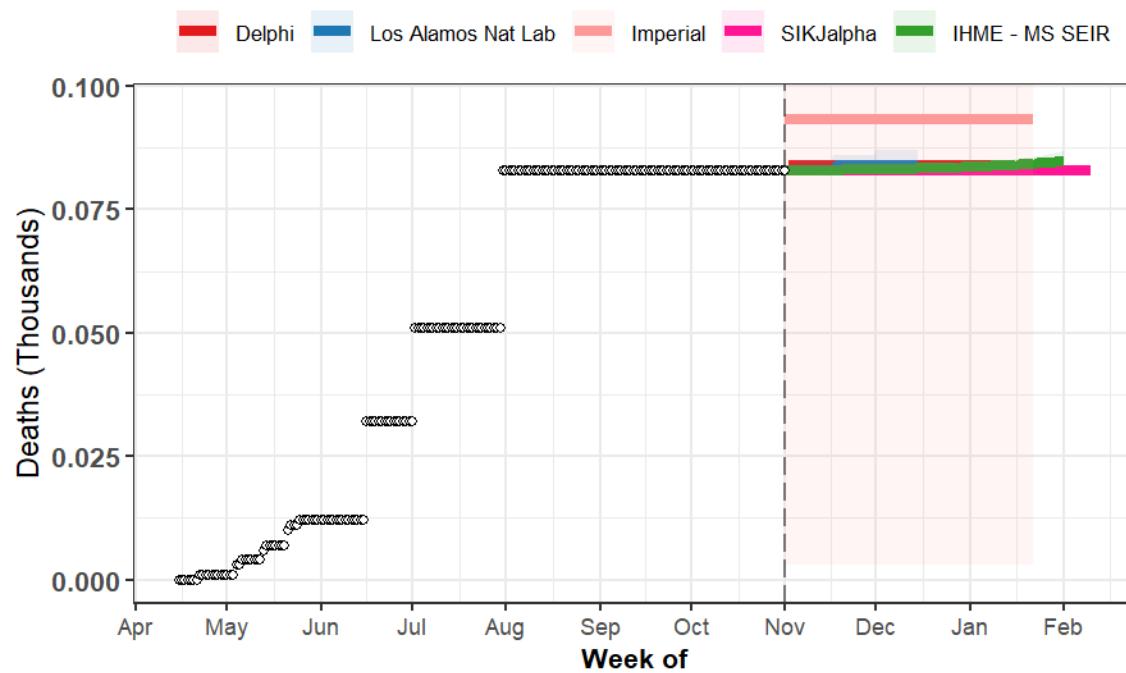


## All Cumulative Errors

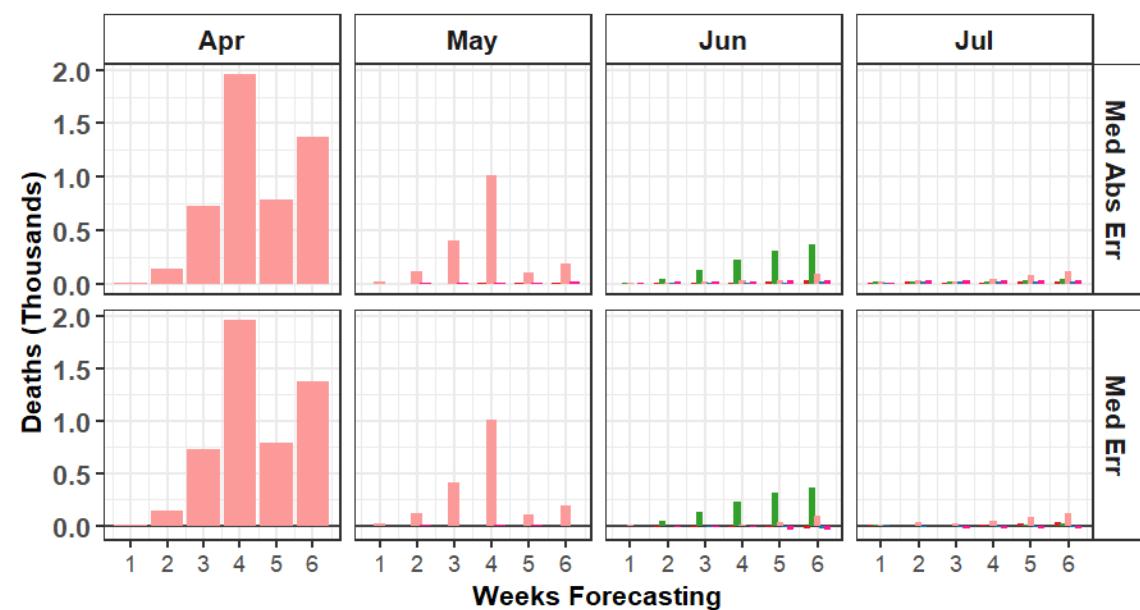


# Equatorial Guinea

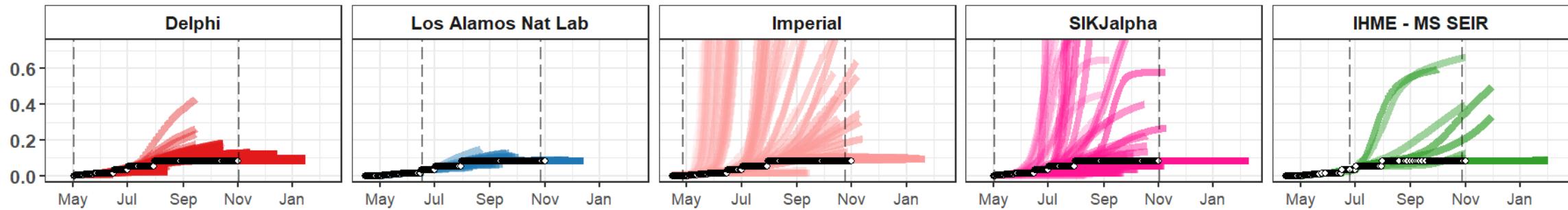
## Current Forecast



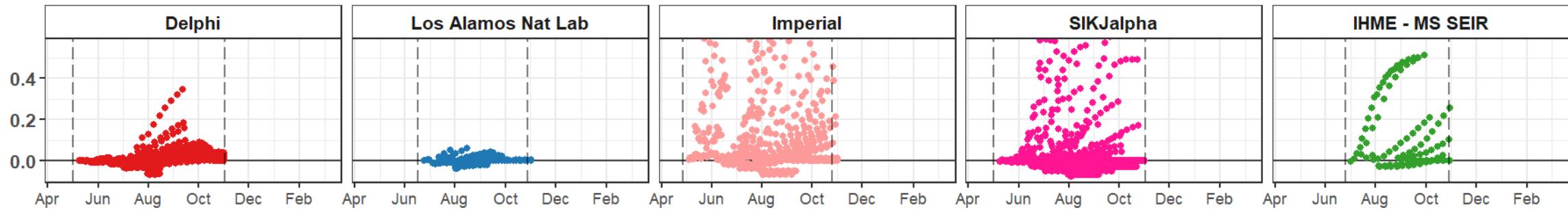
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

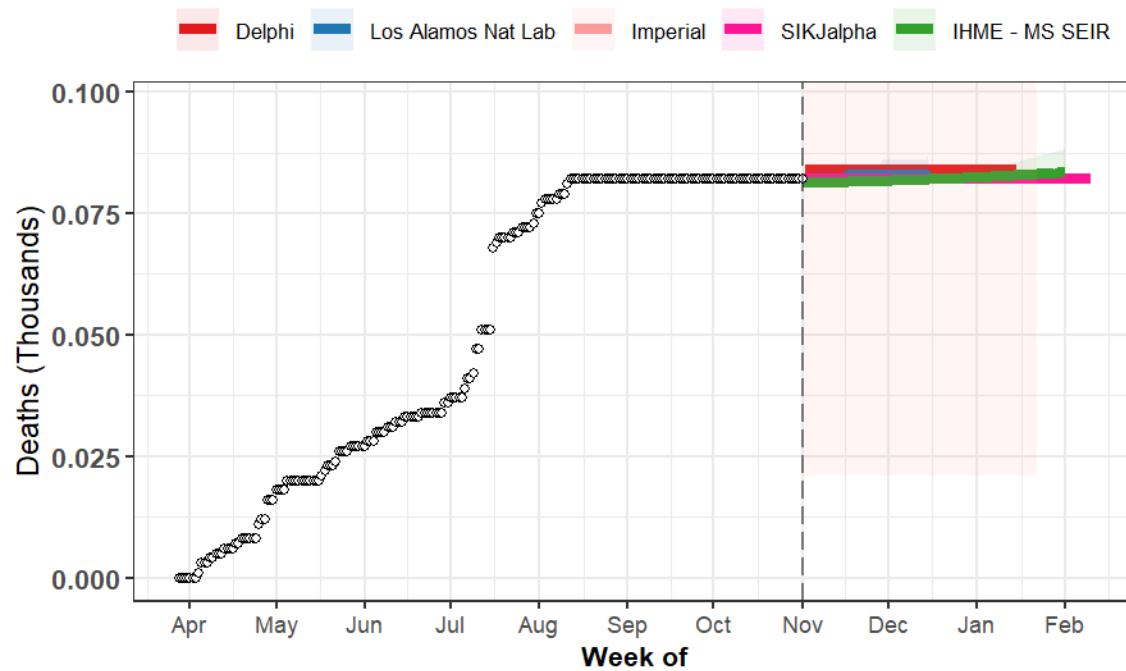


## All Cumulative Errors

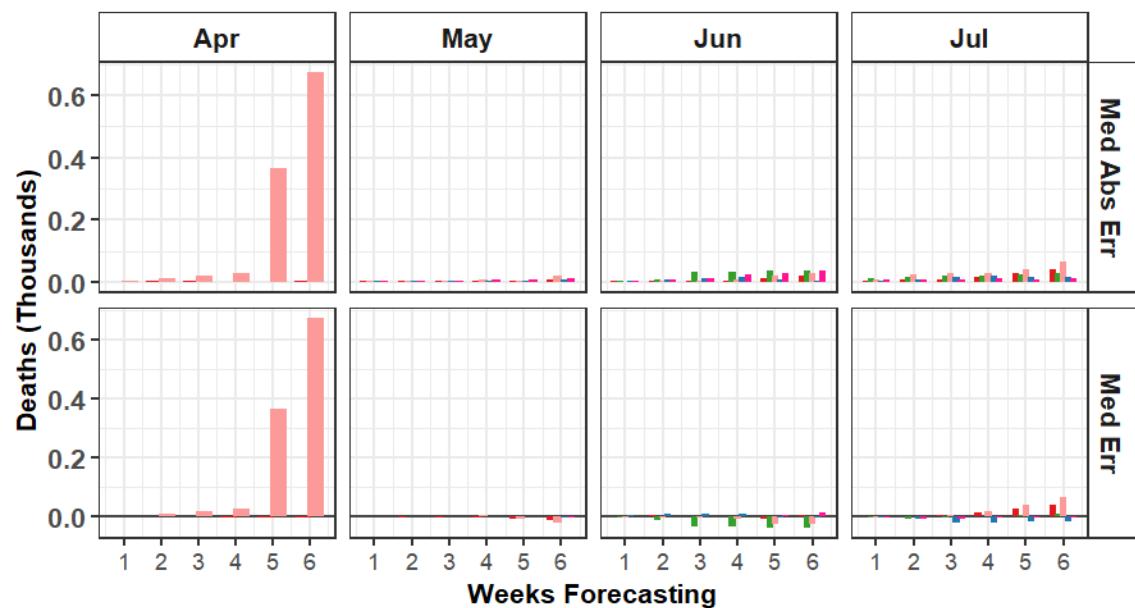


# Liberia

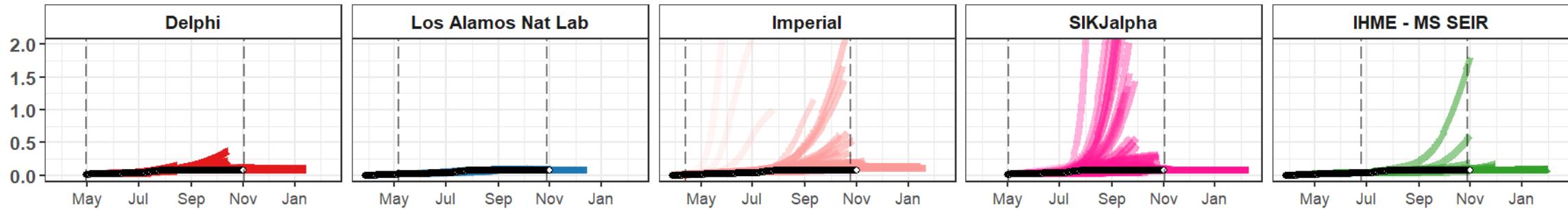
## Current Forecast



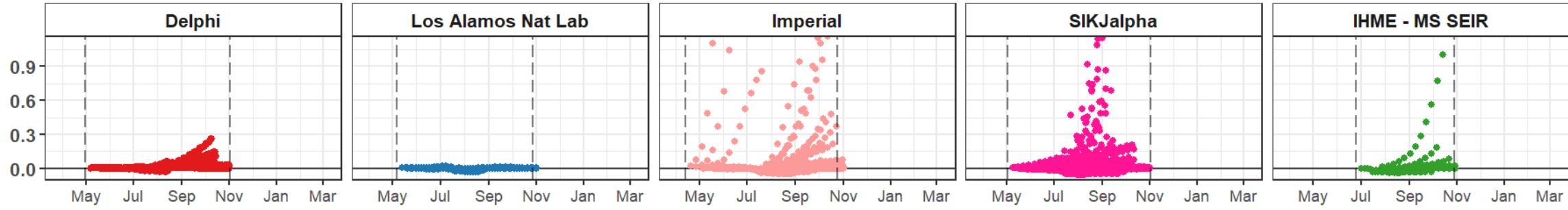
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



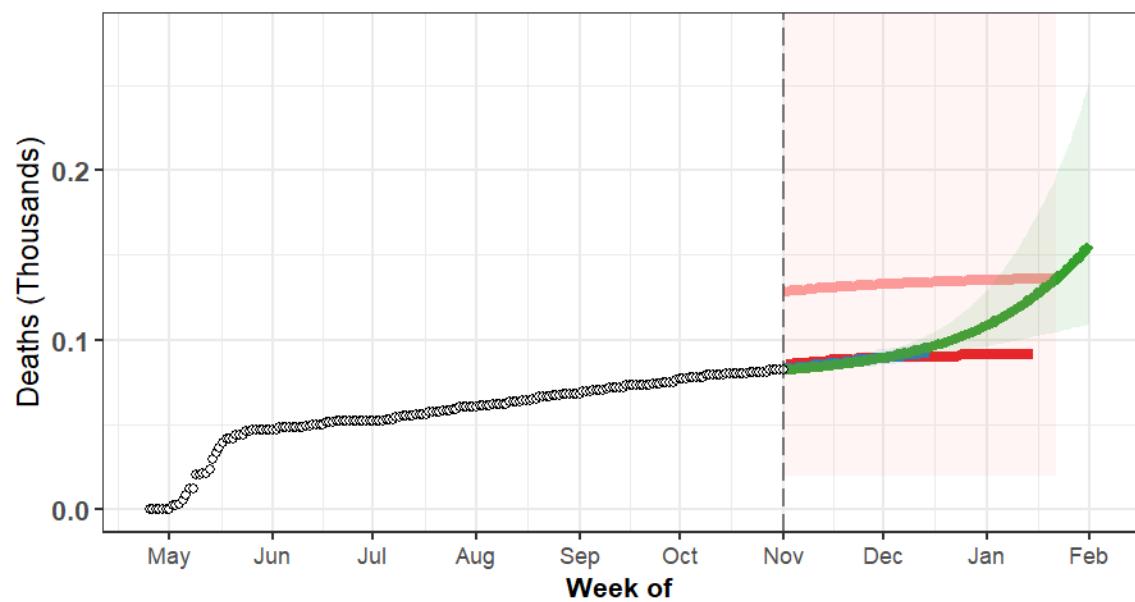
## All Cumulative Errors



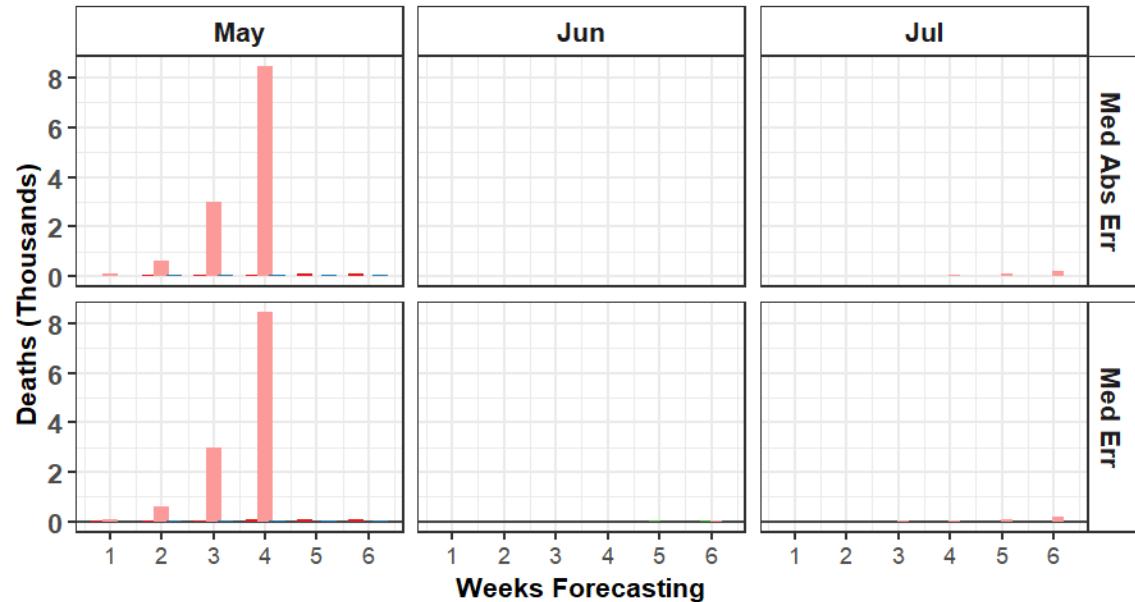
# Tajikistan

## Current Forecast

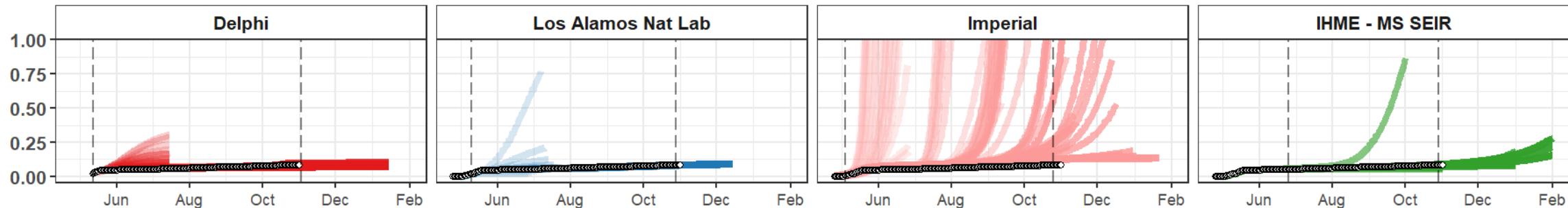
Delphi   Los Alamos Nat Lab   Imperial   IHME - MS SEIR



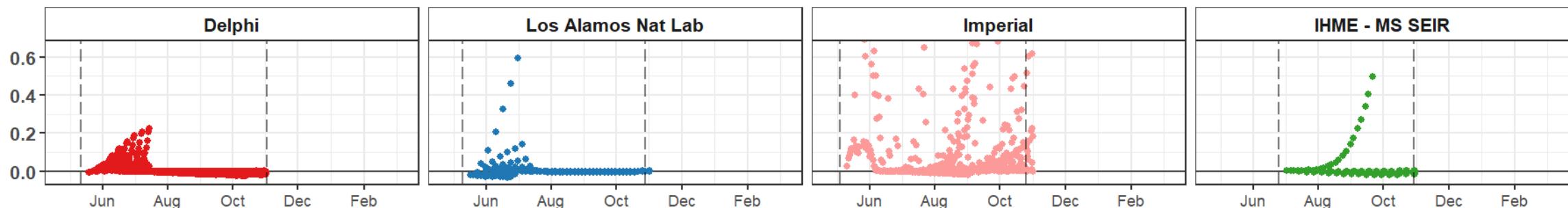
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



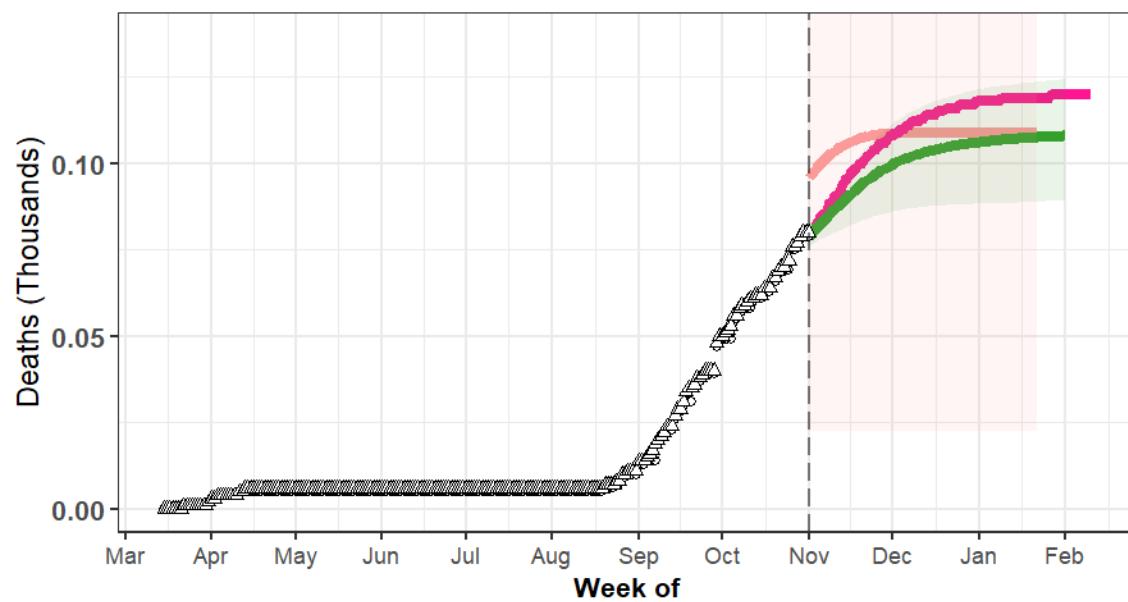
## All Cumulative Errors



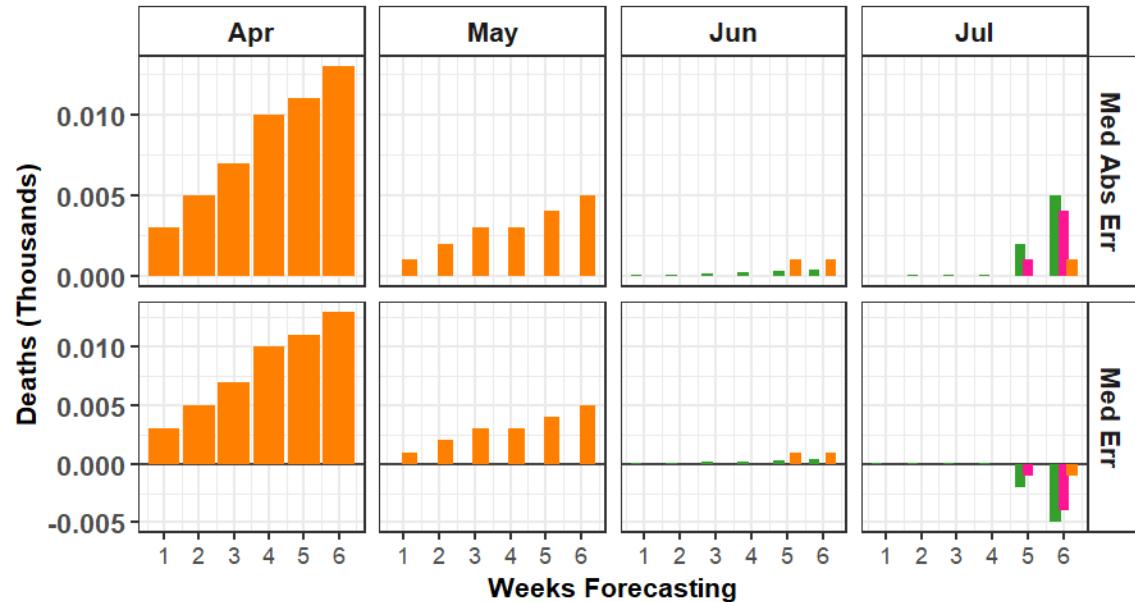
# Guam

## Current Forecast

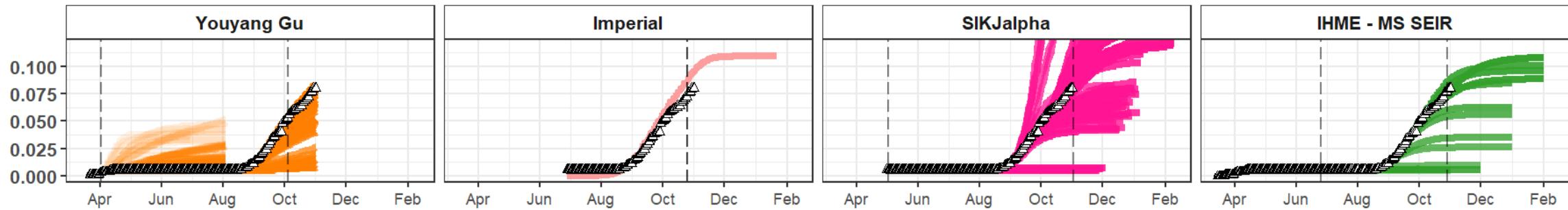
Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



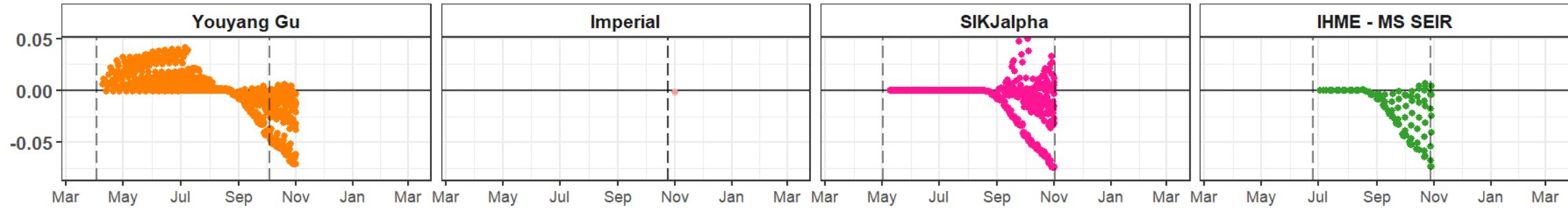
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

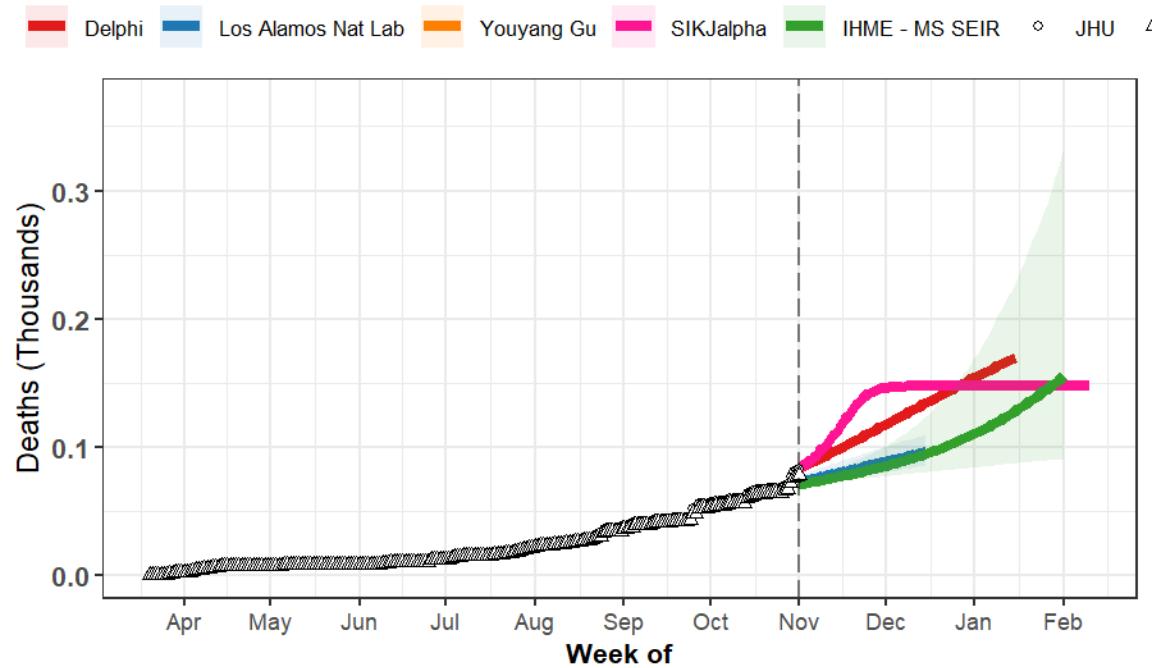


## All Cumulative Errors

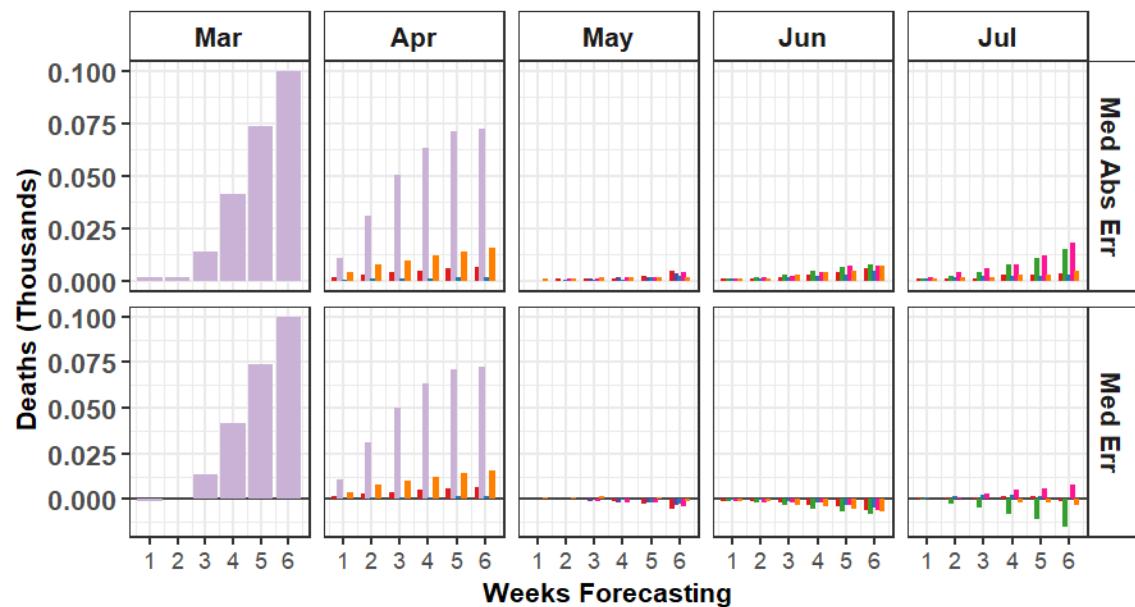


# Alaska

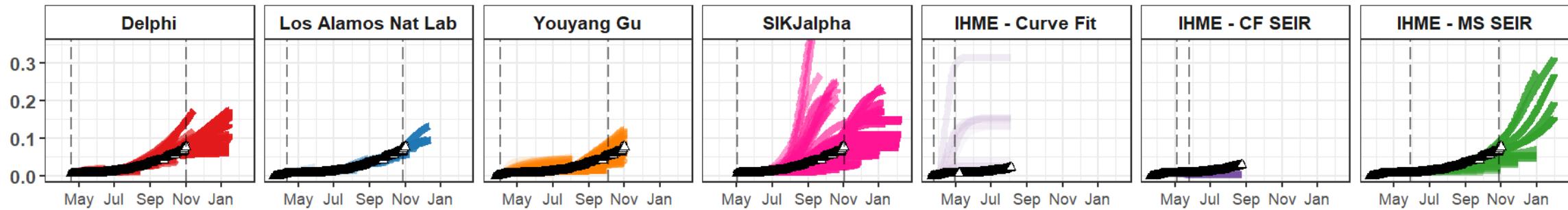
## Current Forecast



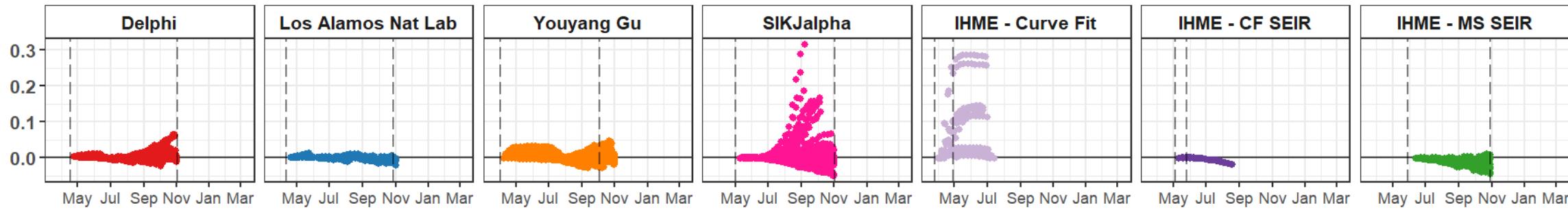
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



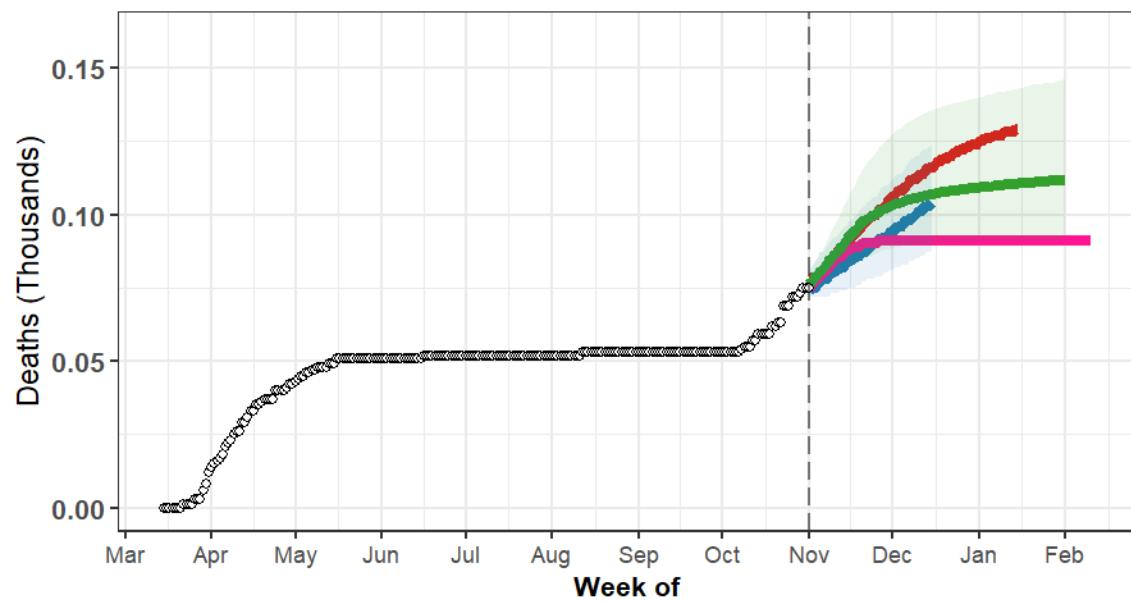
## All Cumulative Errors



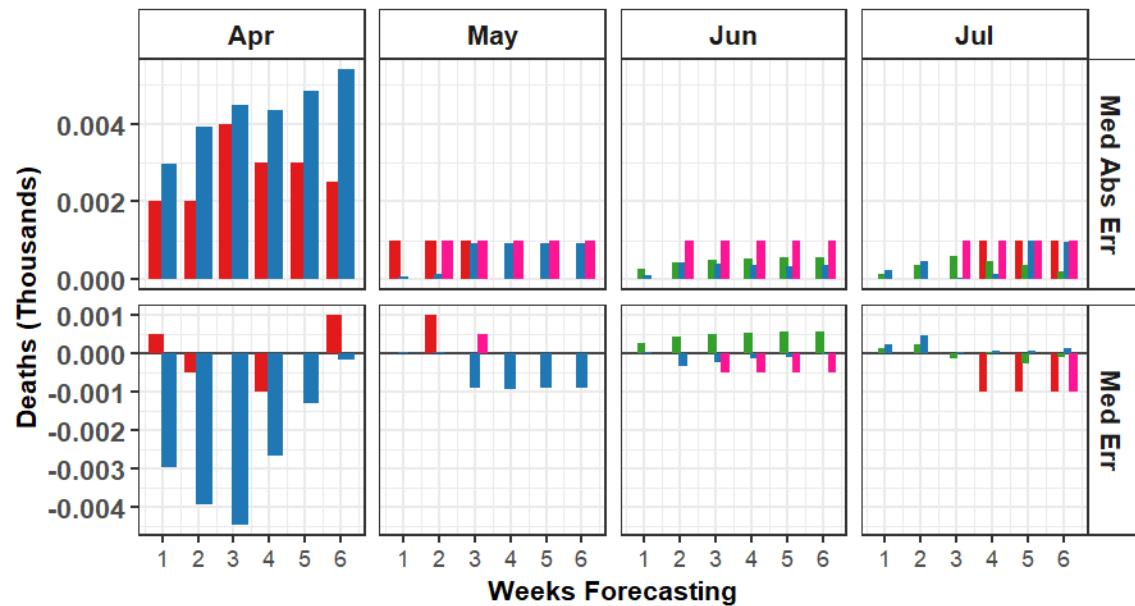
# Andorra

## Current Forecast

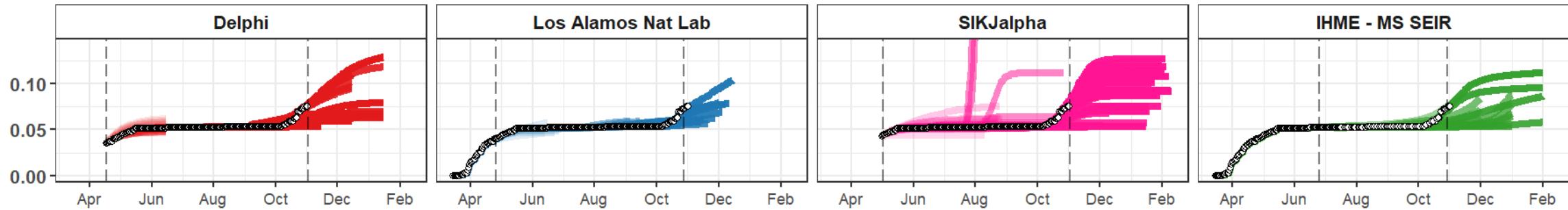
Delphi   Los Alamos Nat Lab   SIKJalpha   IHME - MS SEIR



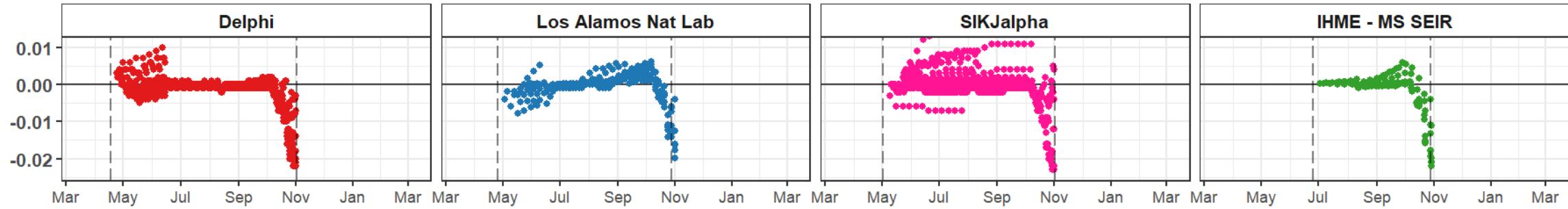
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

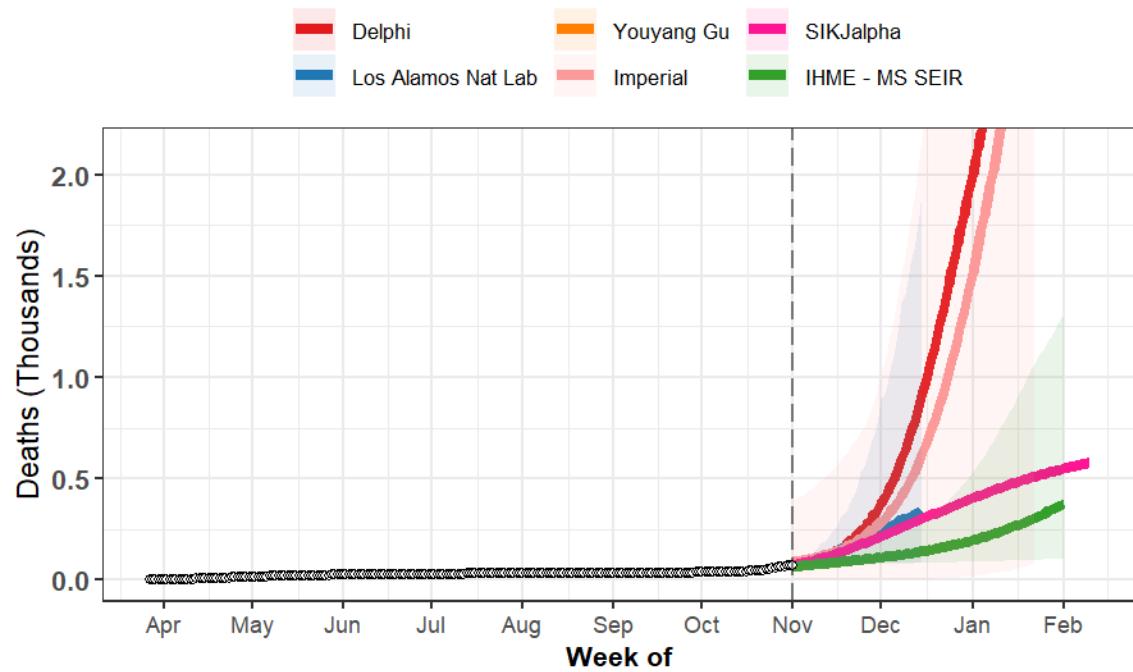


## All Cumulative Errors

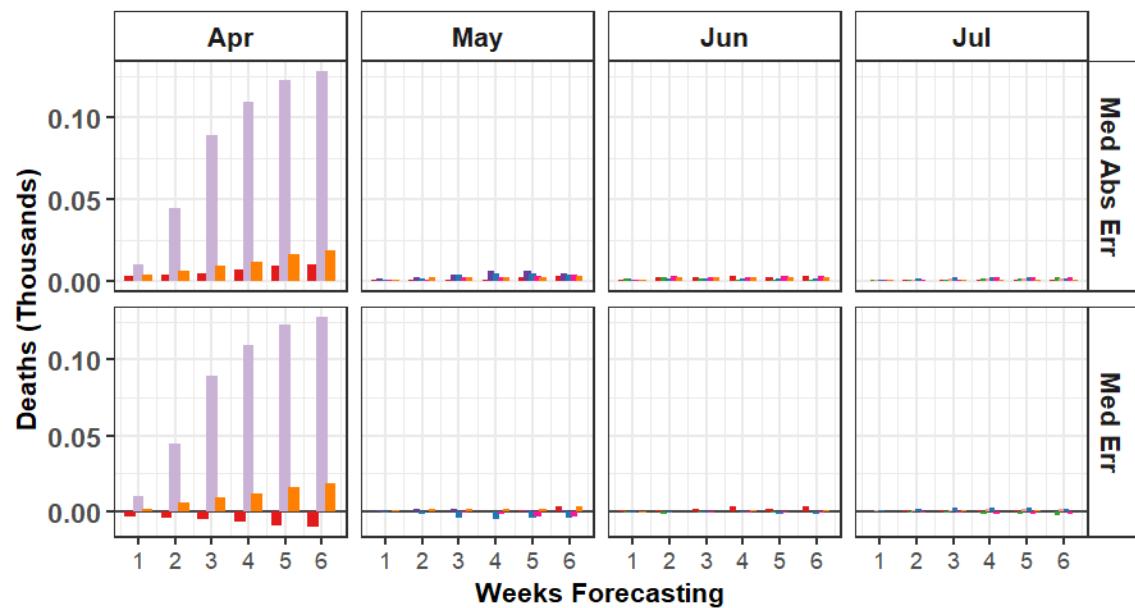


# Latvia

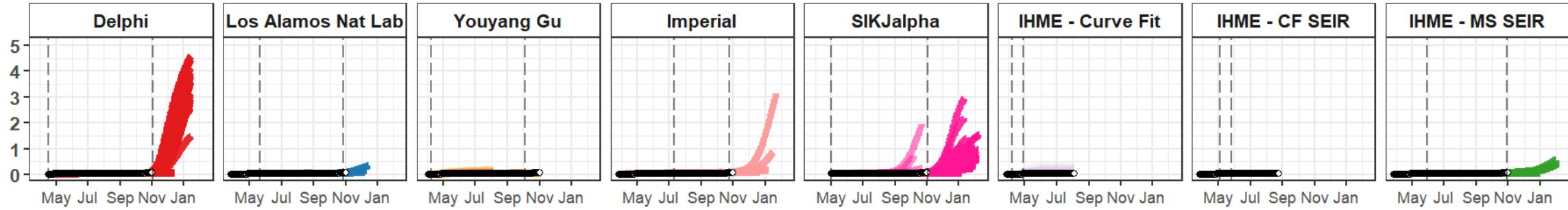
## Current Forecast



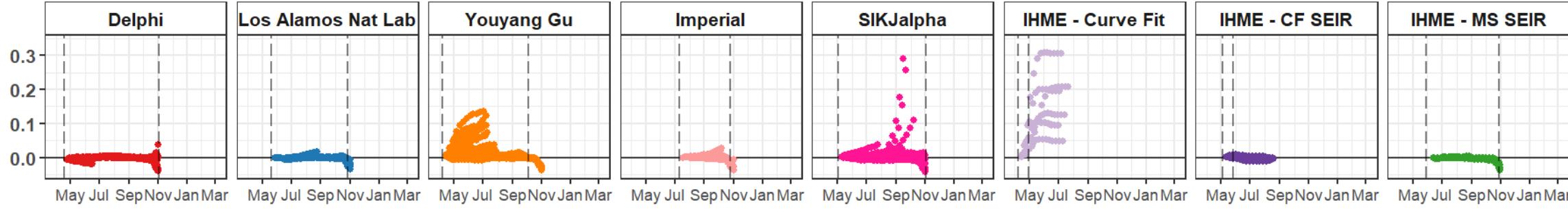
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

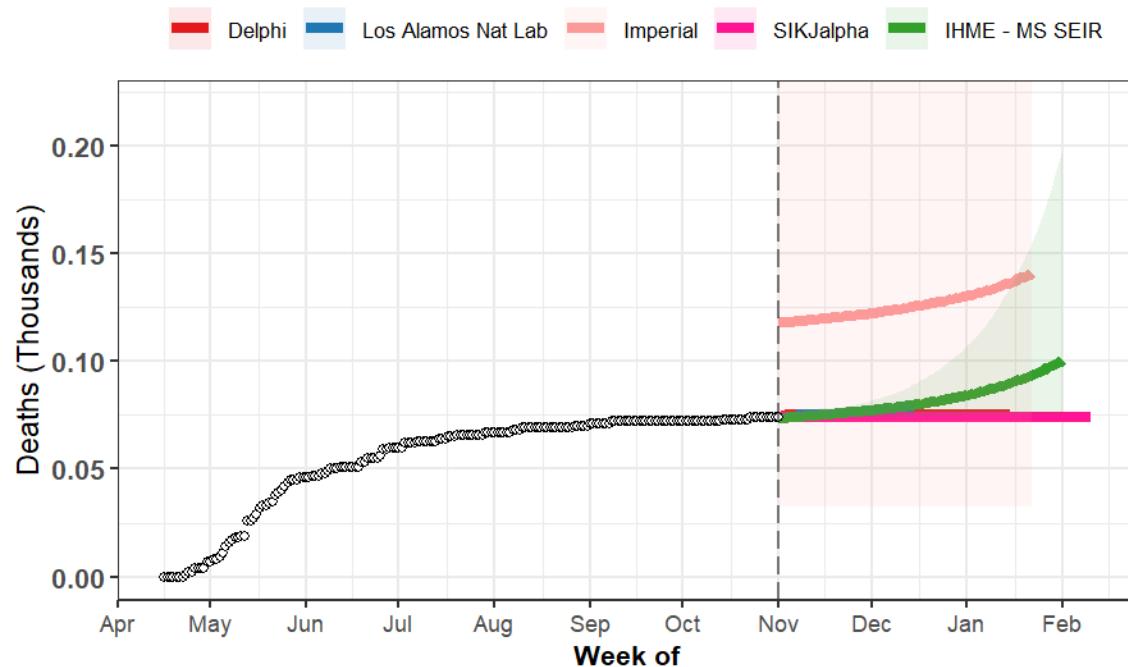


## All Cumulative Errors

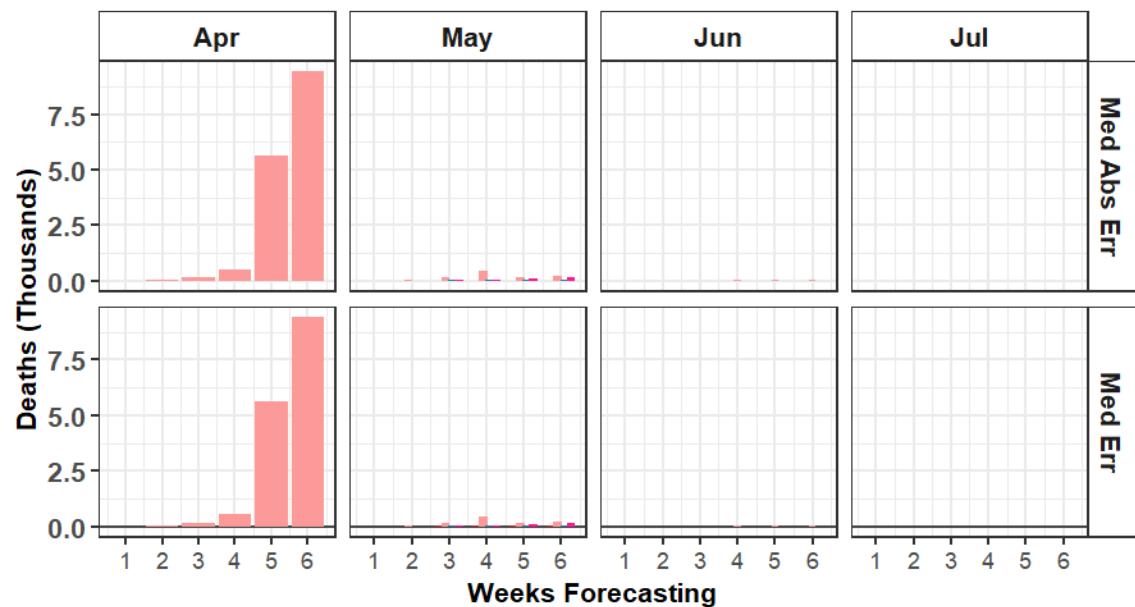


# Sierra Leone

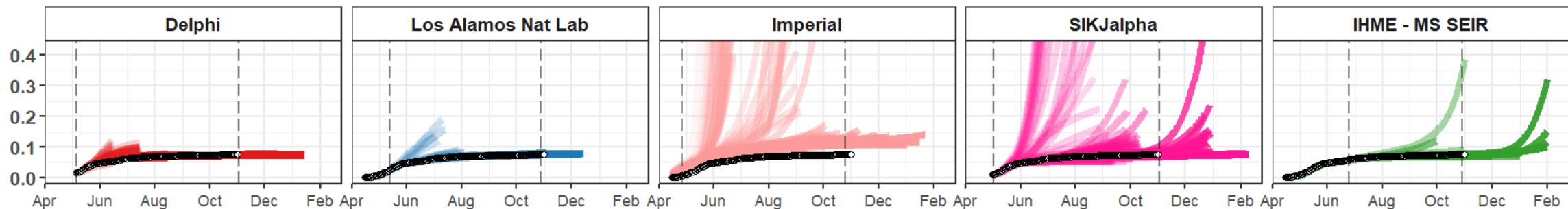
## Current Forecast



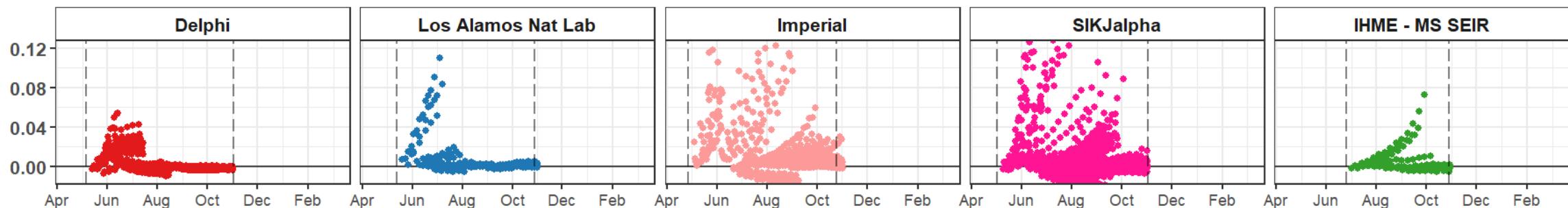
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

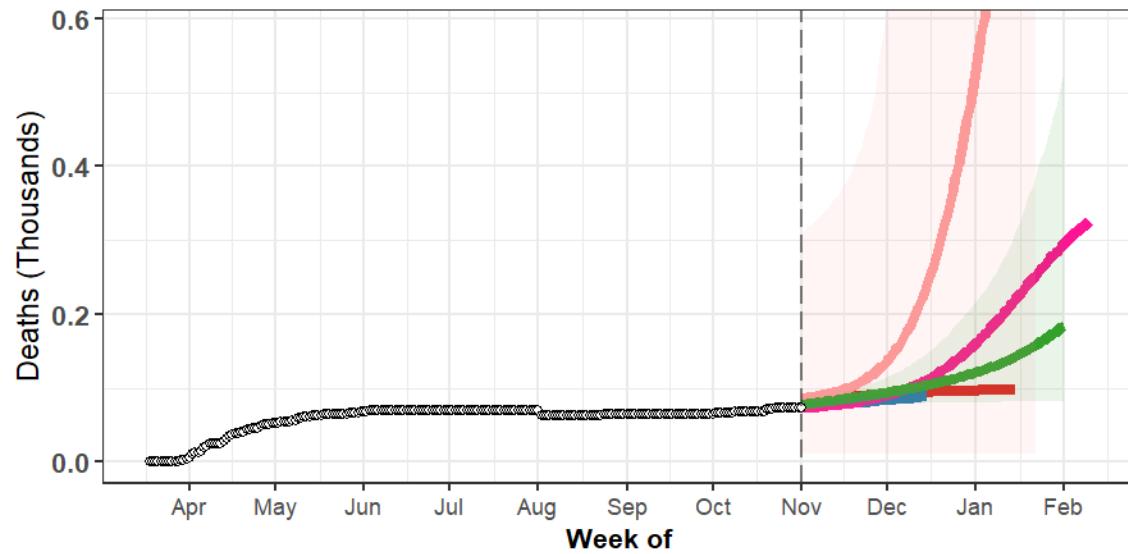


## All Cumulative Errors

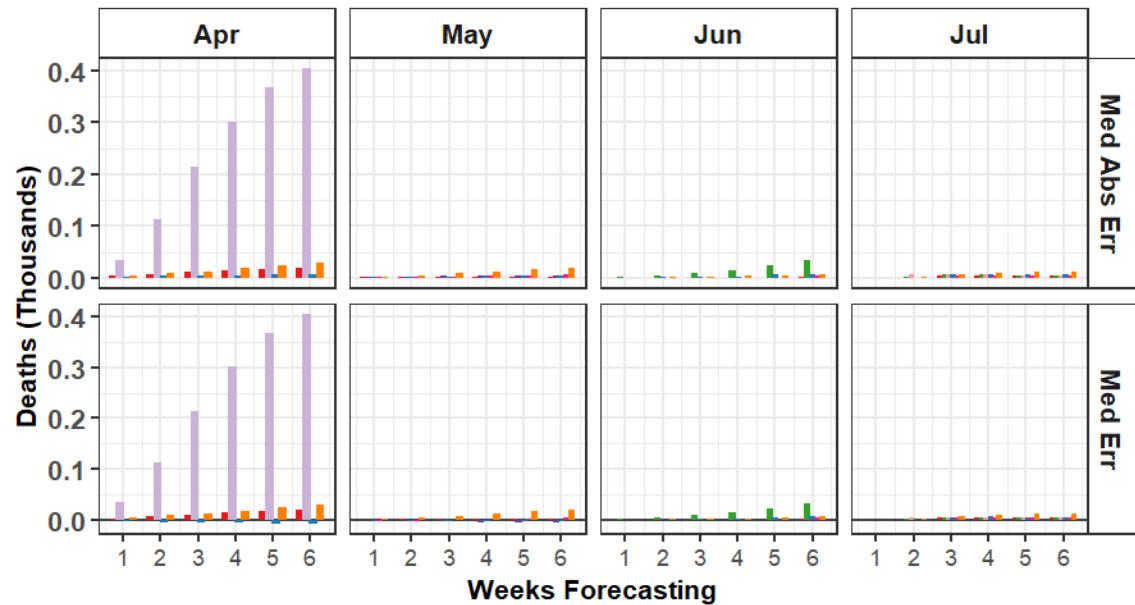


# Estonia

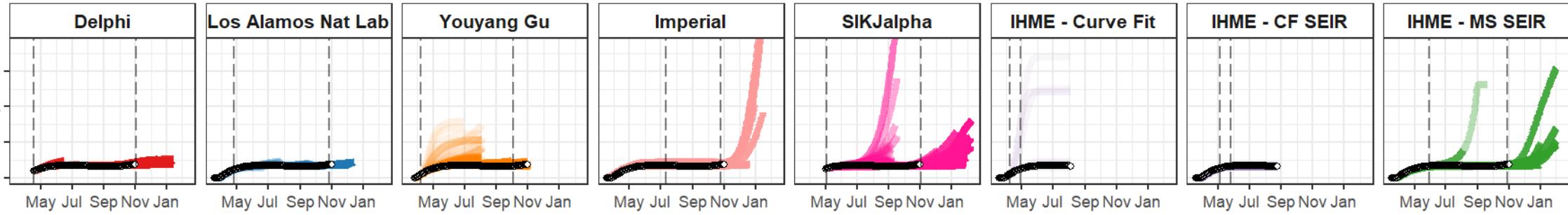
## Current Forecast



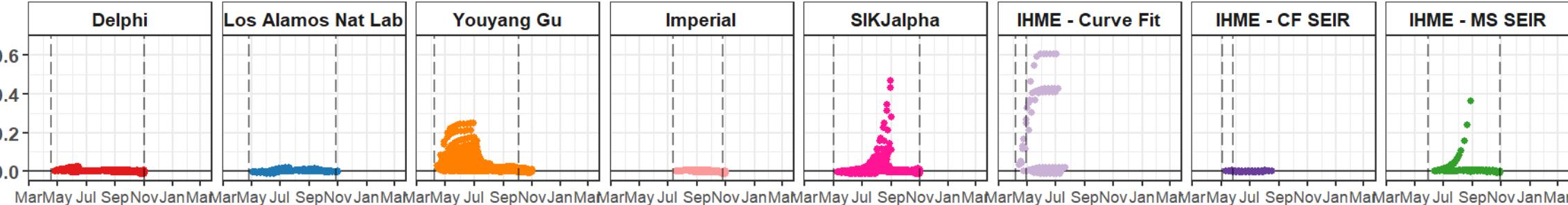
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



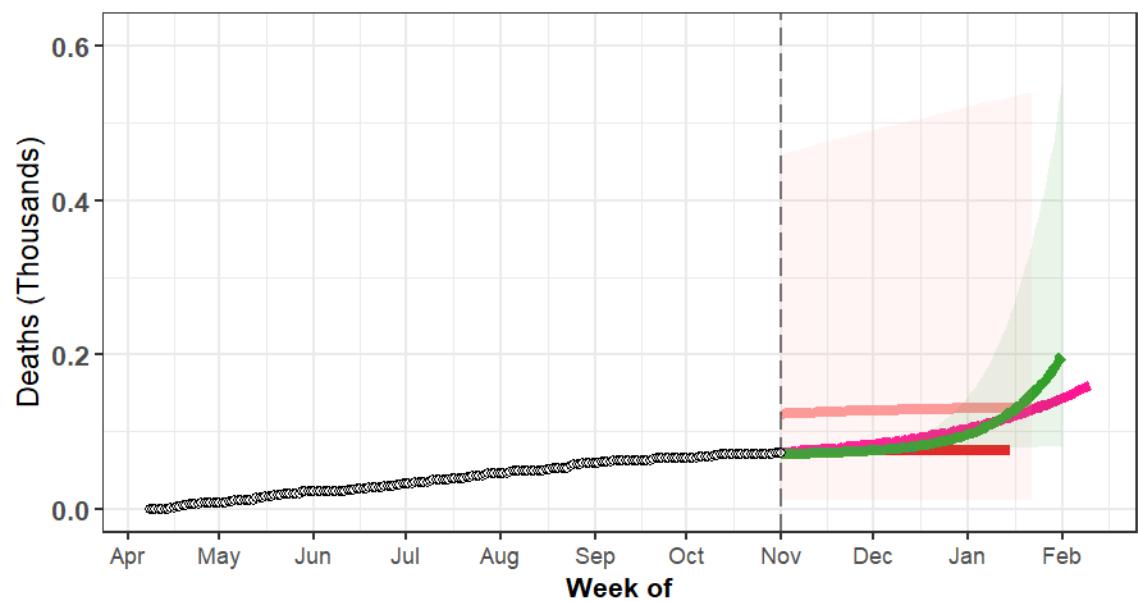
## All Cumulative Errors



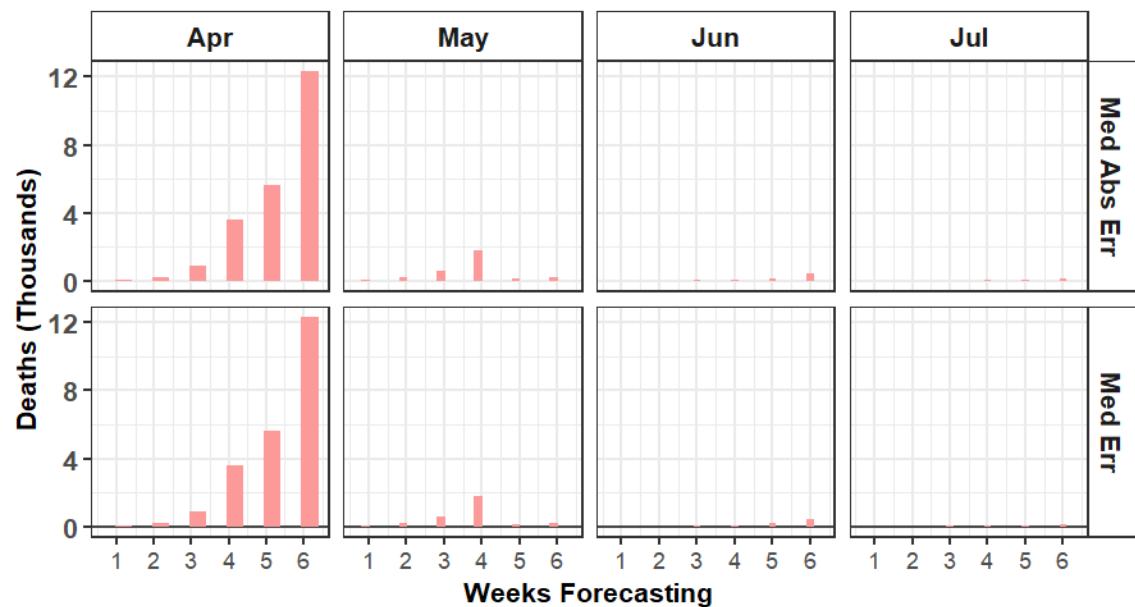
# Guinea

## Current Forecast

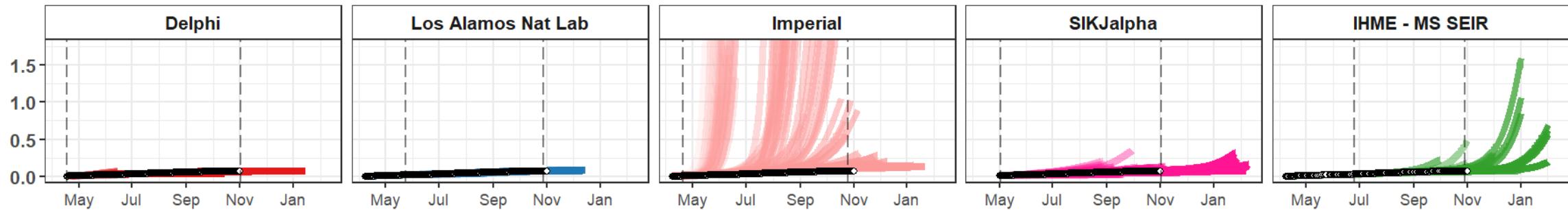
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



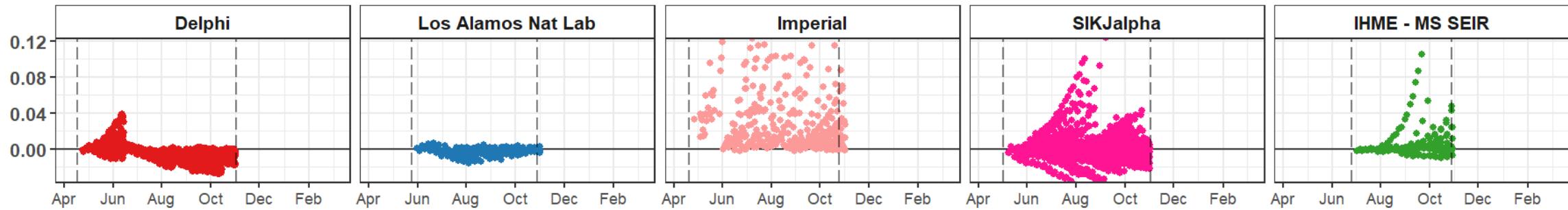
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



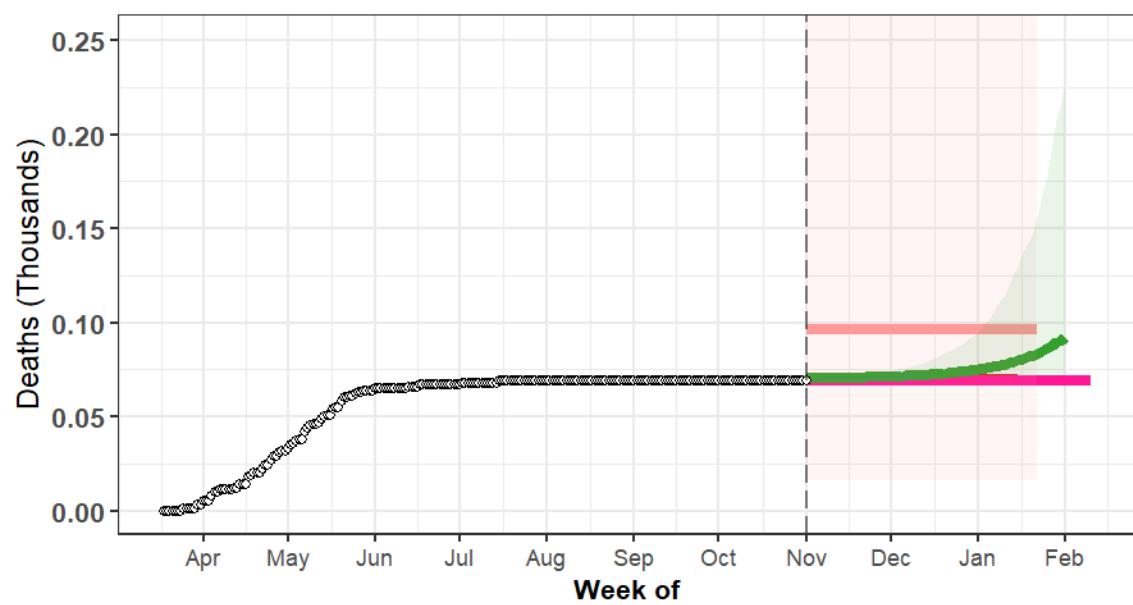
## All Cumulative Errors



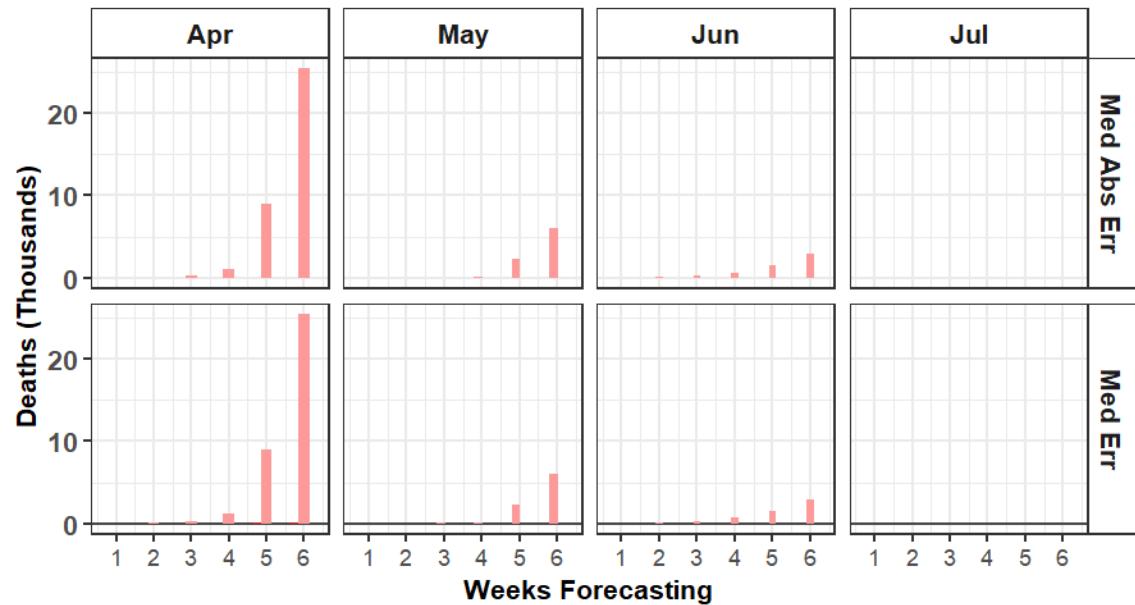
# Niger

## Current Forecast

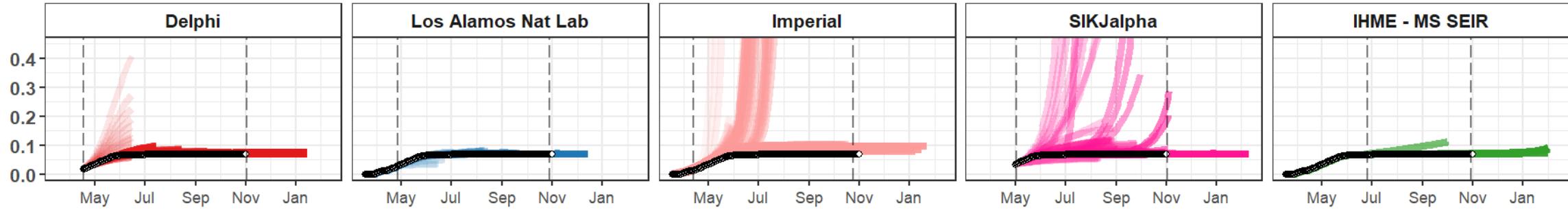
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



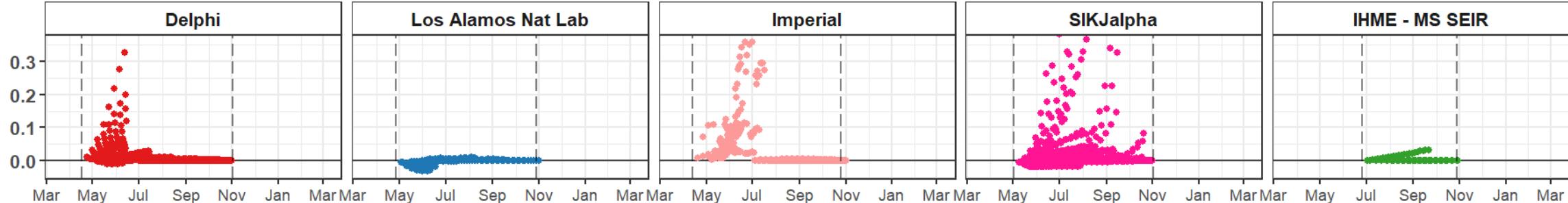
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



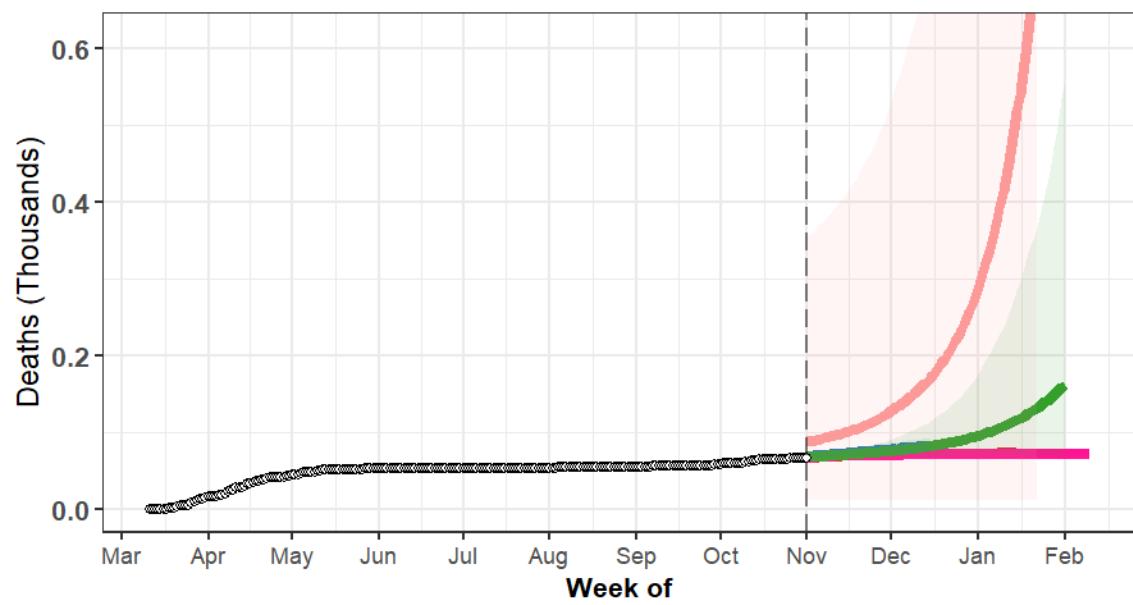
## All Cumulative Errors



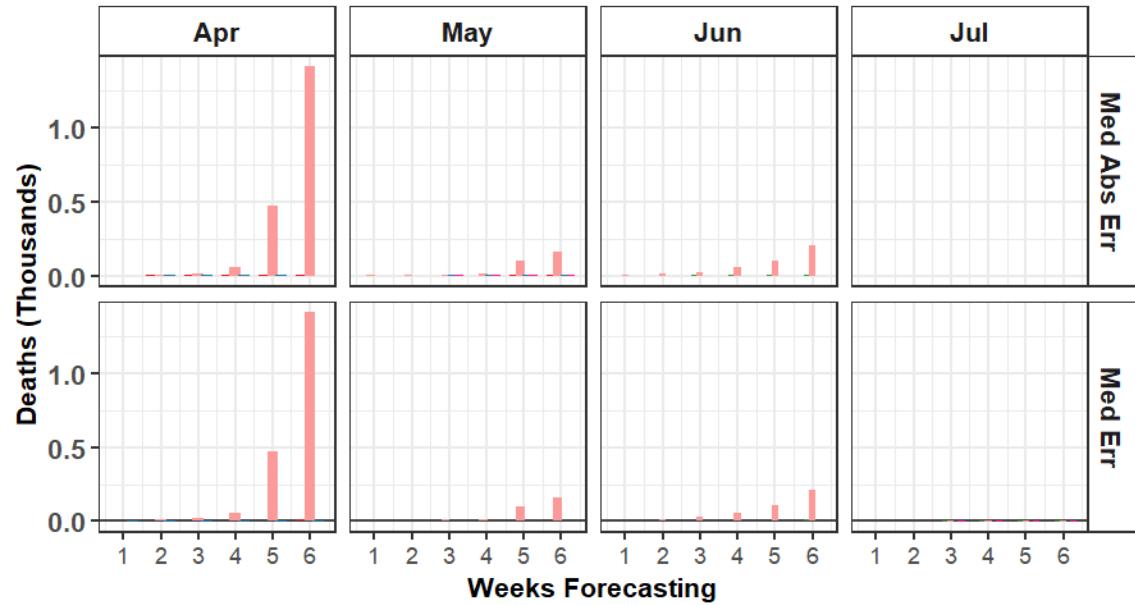
# Burkina Faso

## Current Forecast

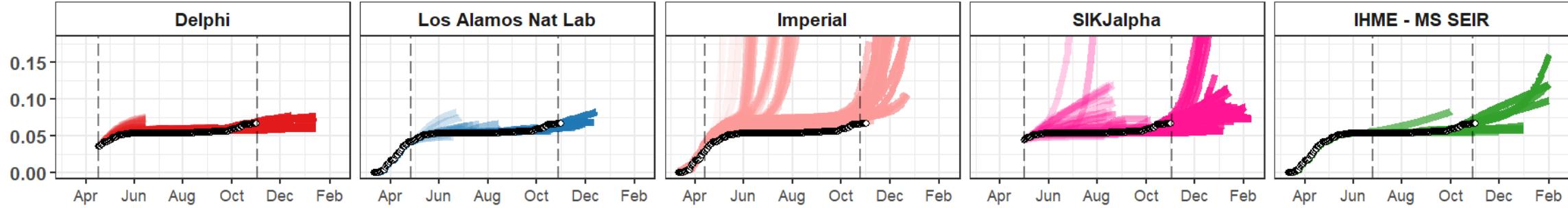
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



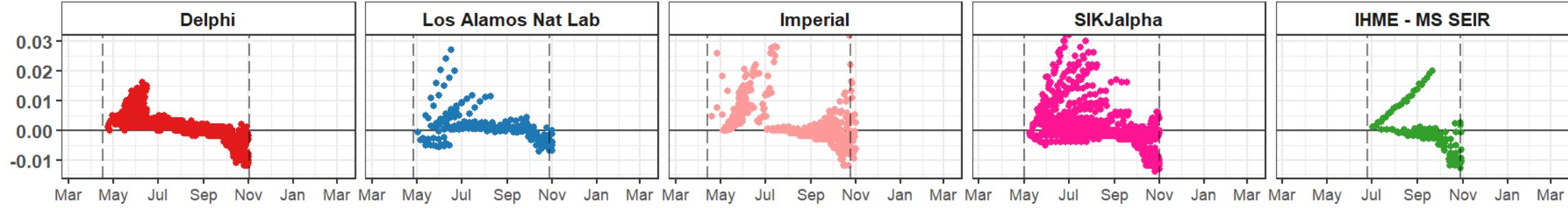
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

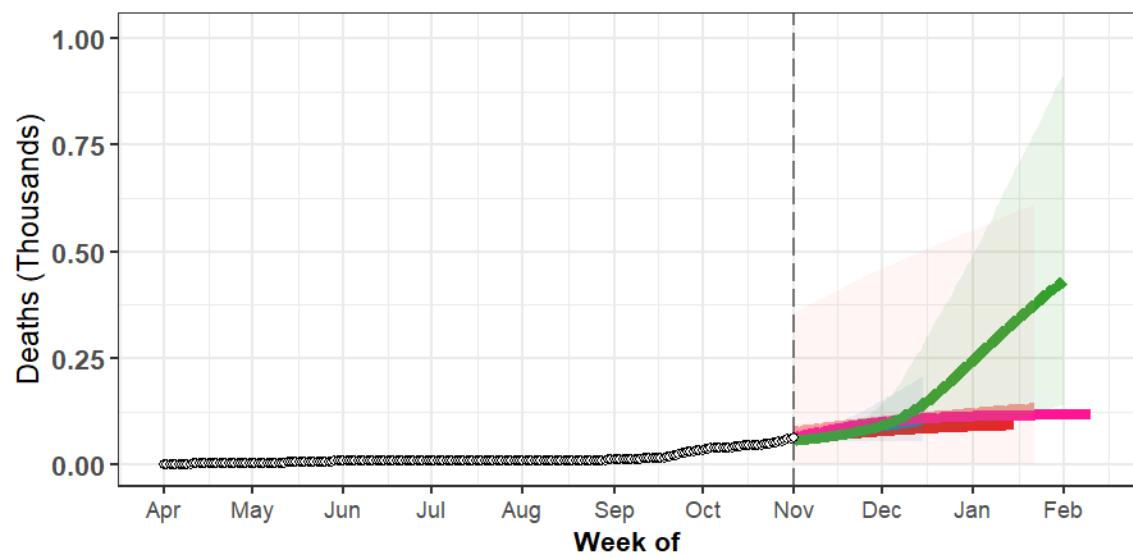


## All Cumulative Errors

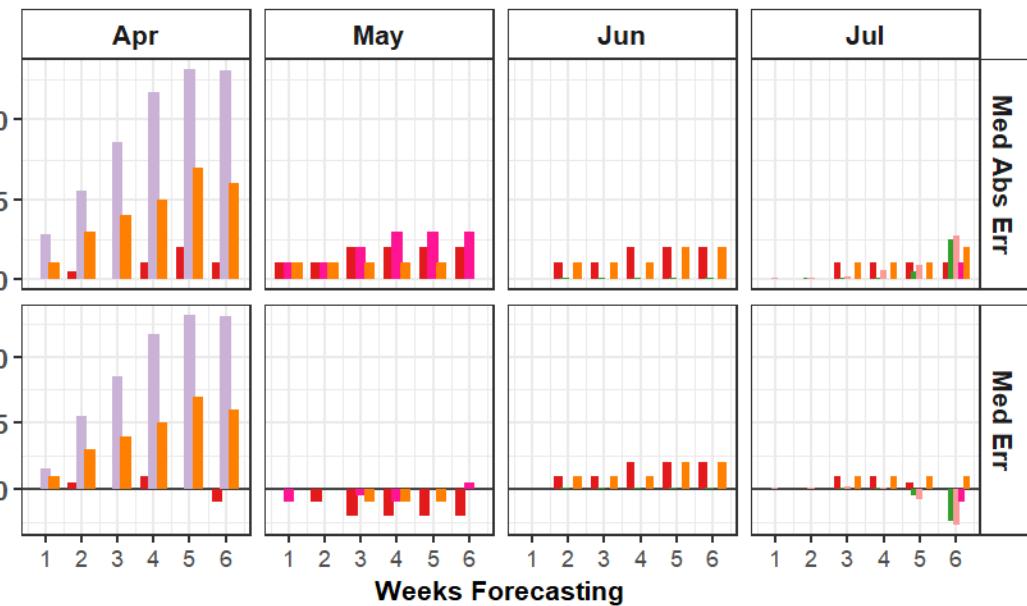


# Malta

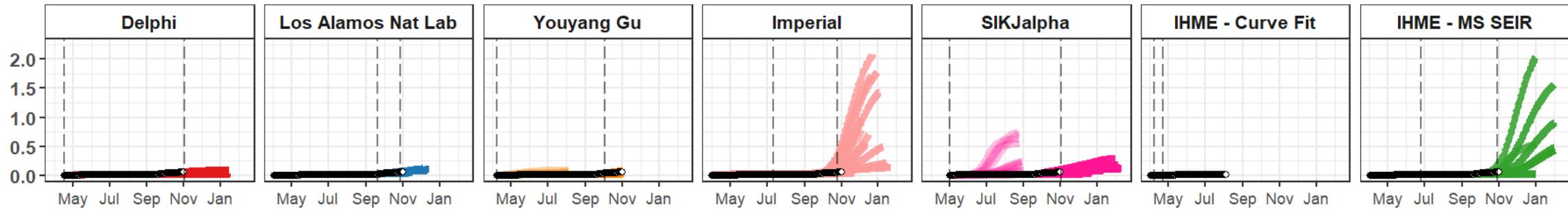
## Current Forecast



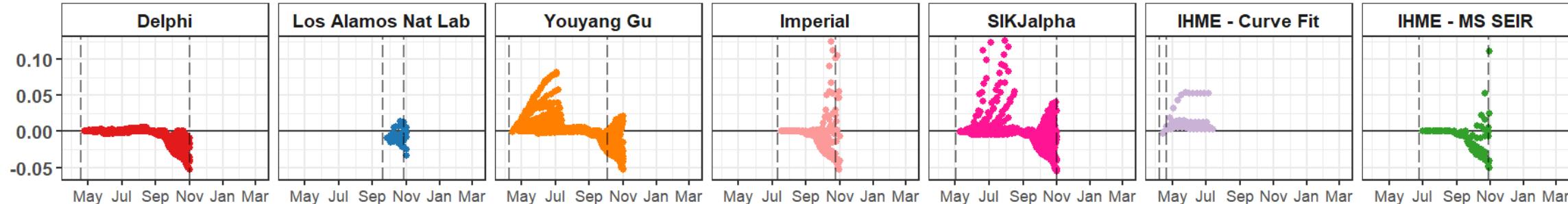
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

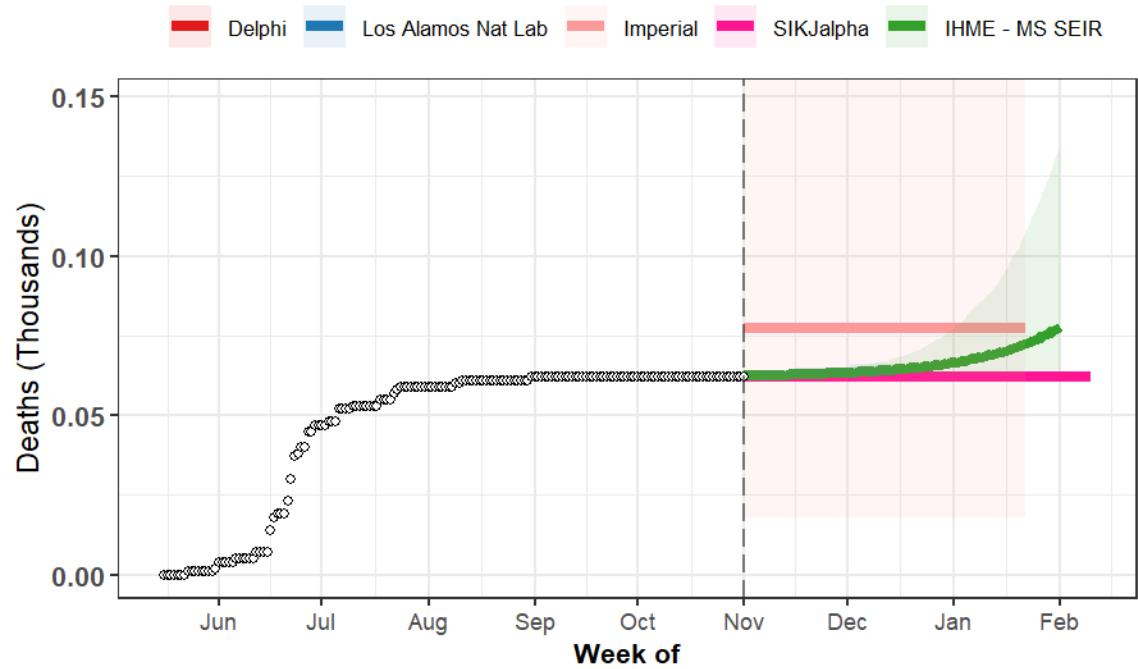


## All Cumulative Errors

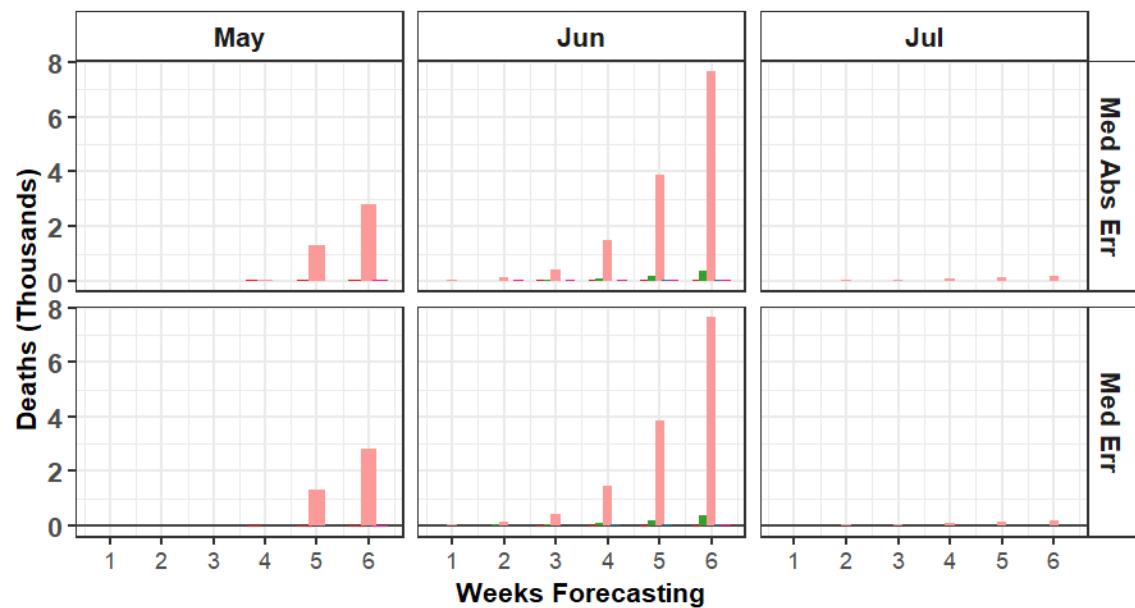


# Central African Republic

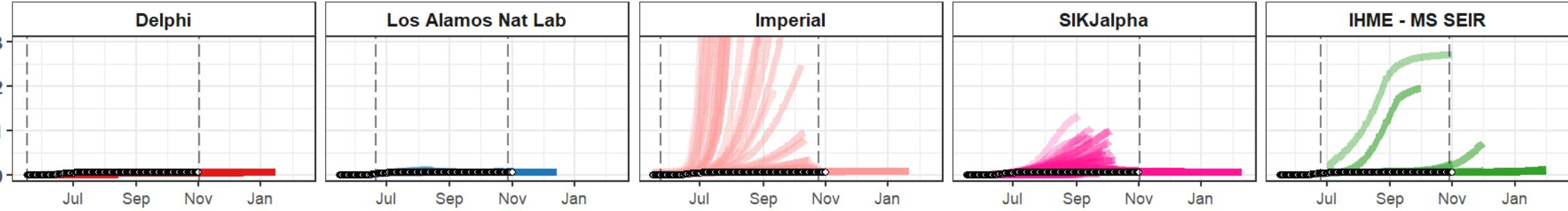
## Current Forecast



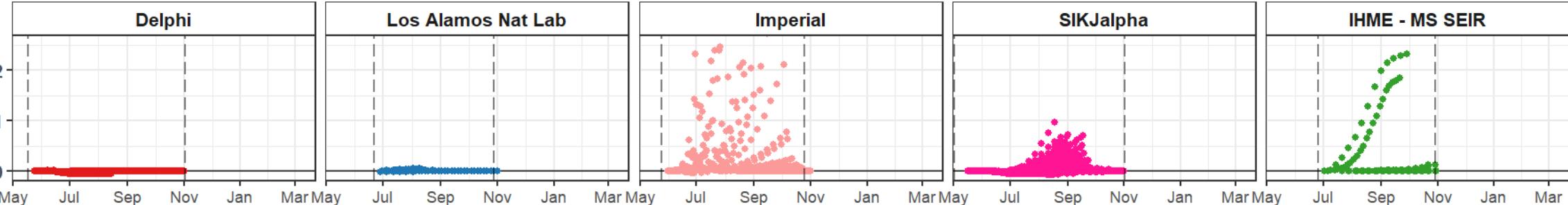
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



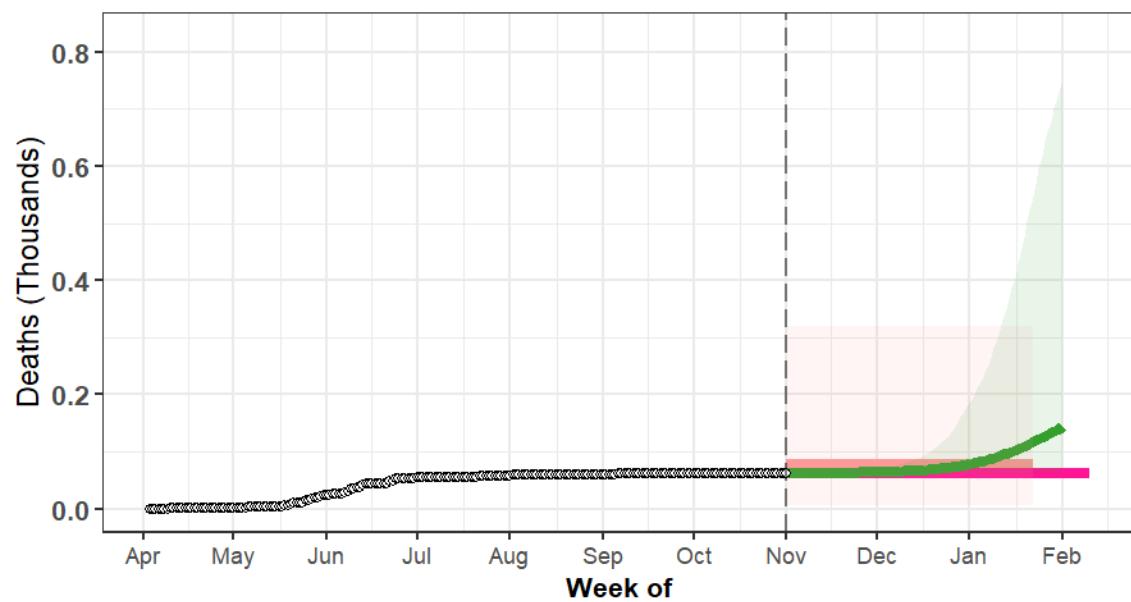
## All Cumulative Errors



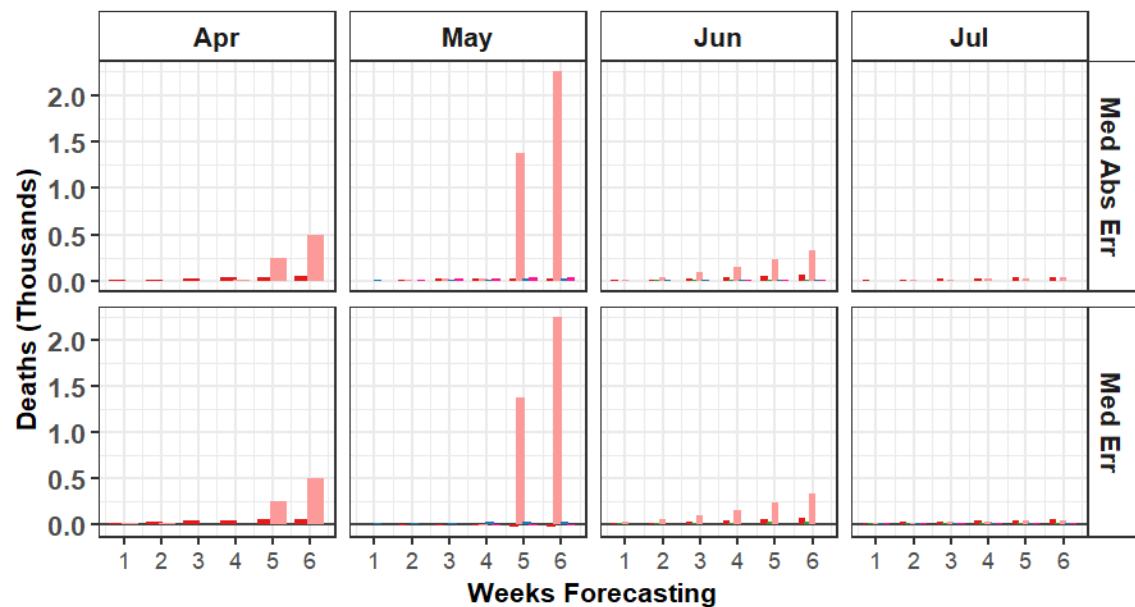
# Djibouti

## Current Forecast

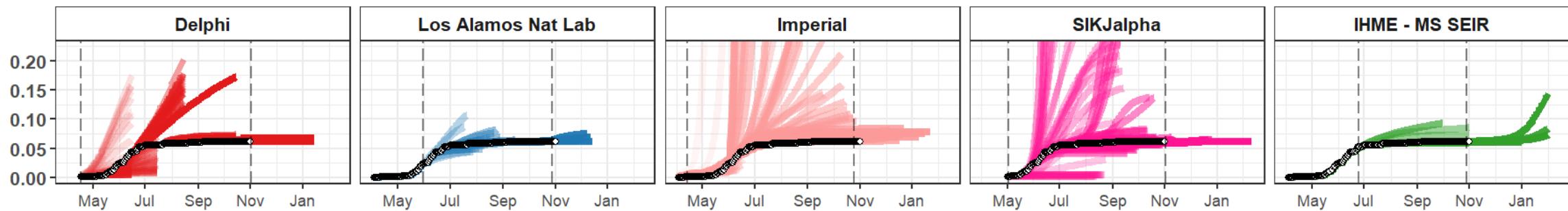
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



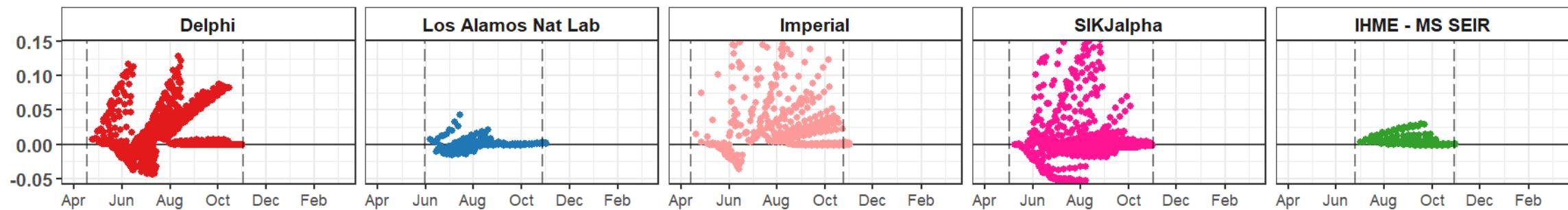
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



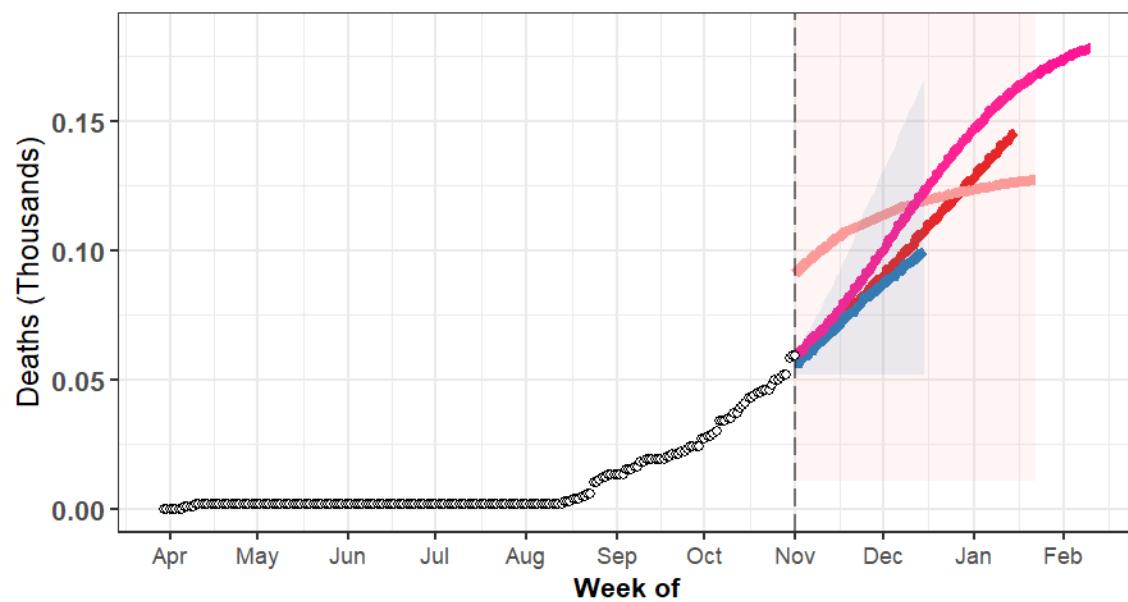
## All Cumulative Errors



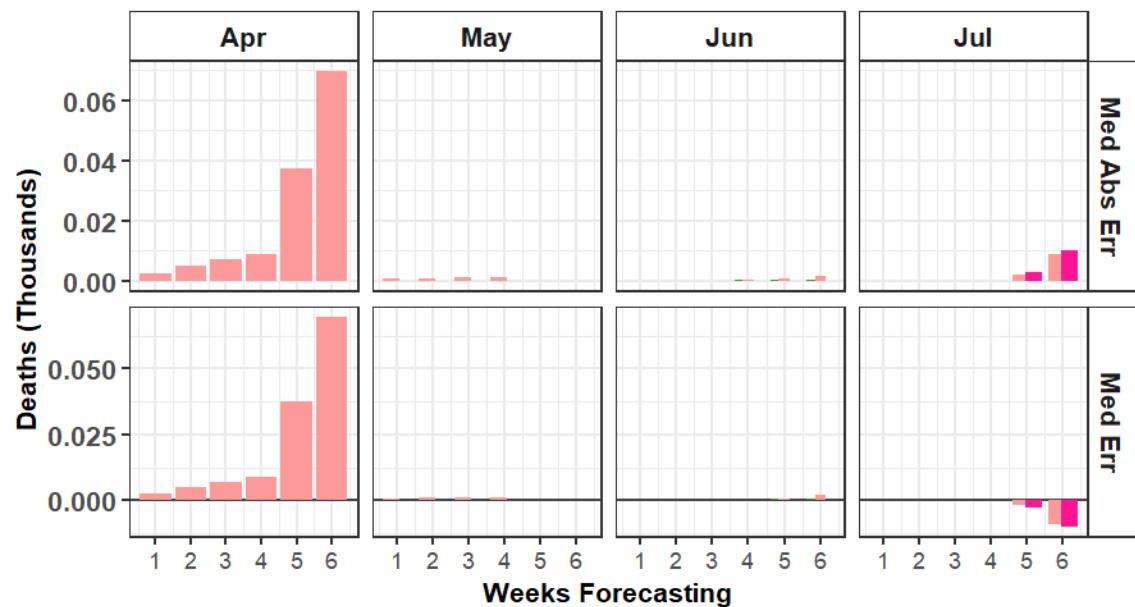
# Belize

## Current Forecast

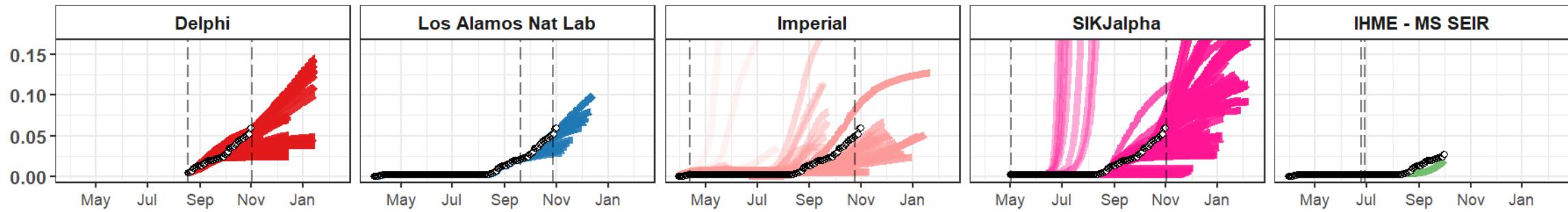
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha



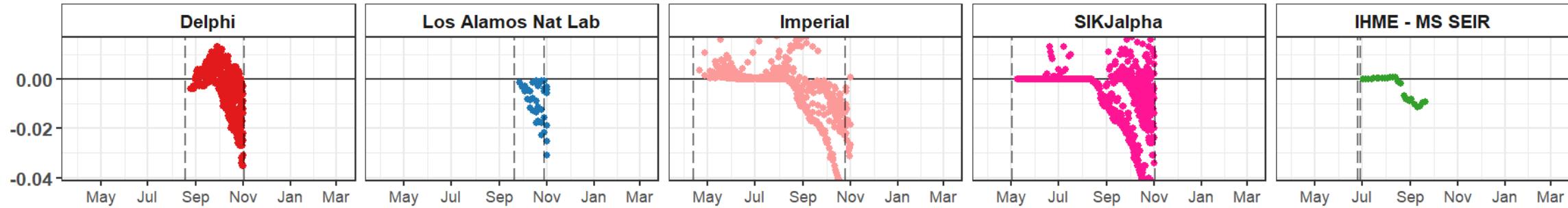
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



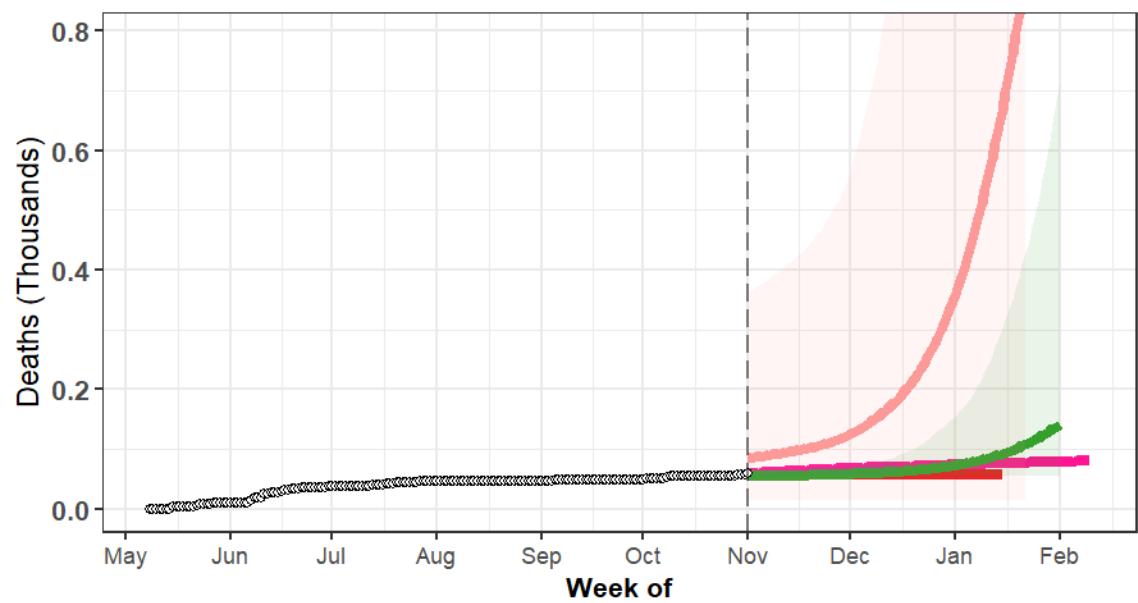
## All Cumulative Errors



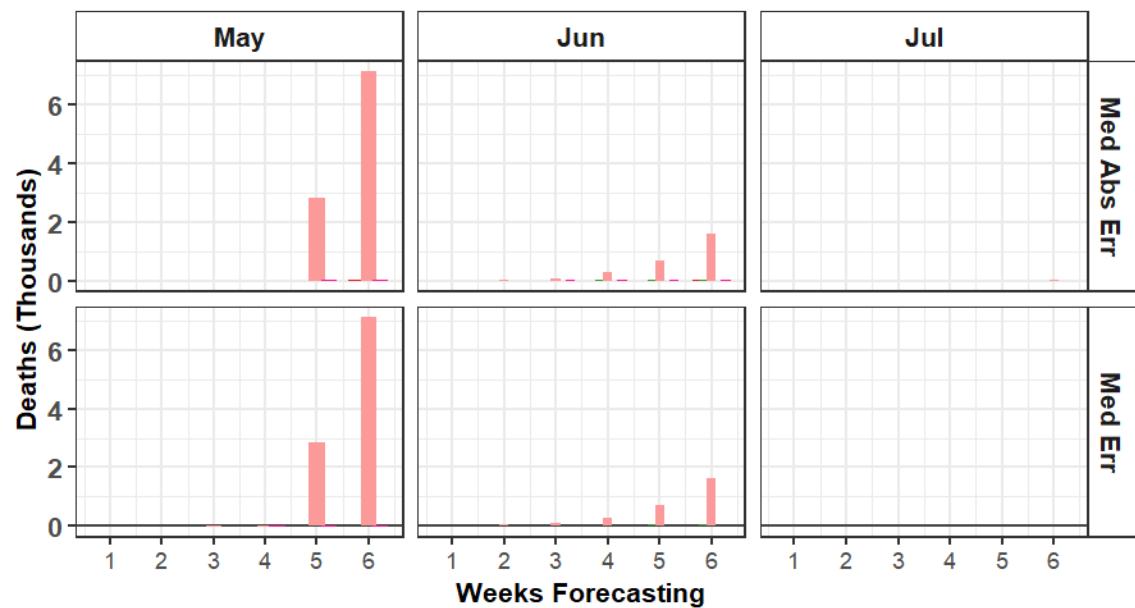
# South Sudan

## Current Forecast

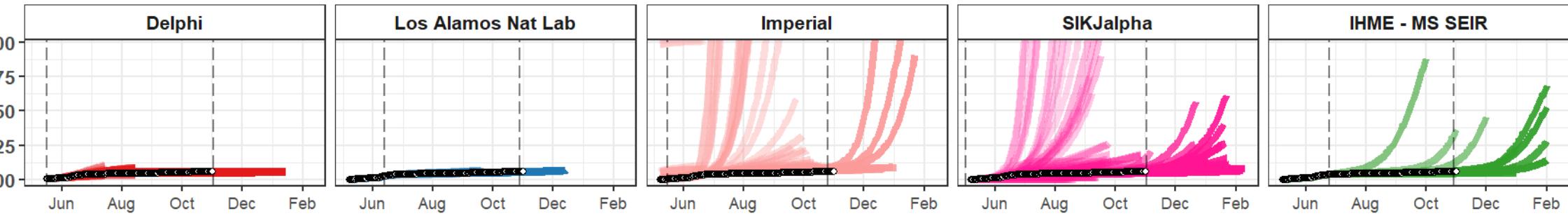
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



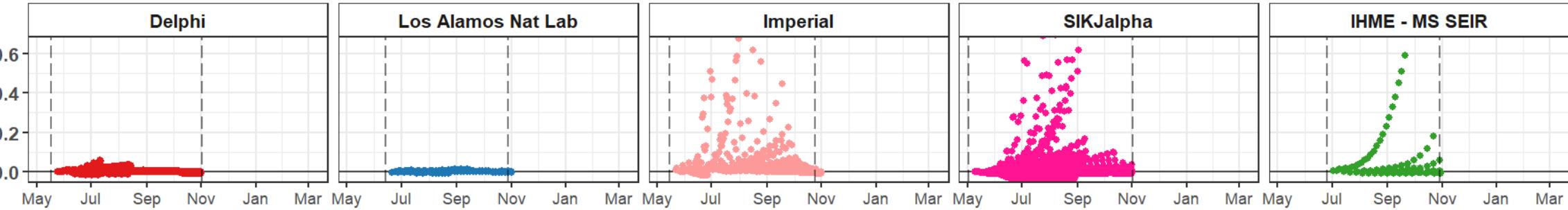
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

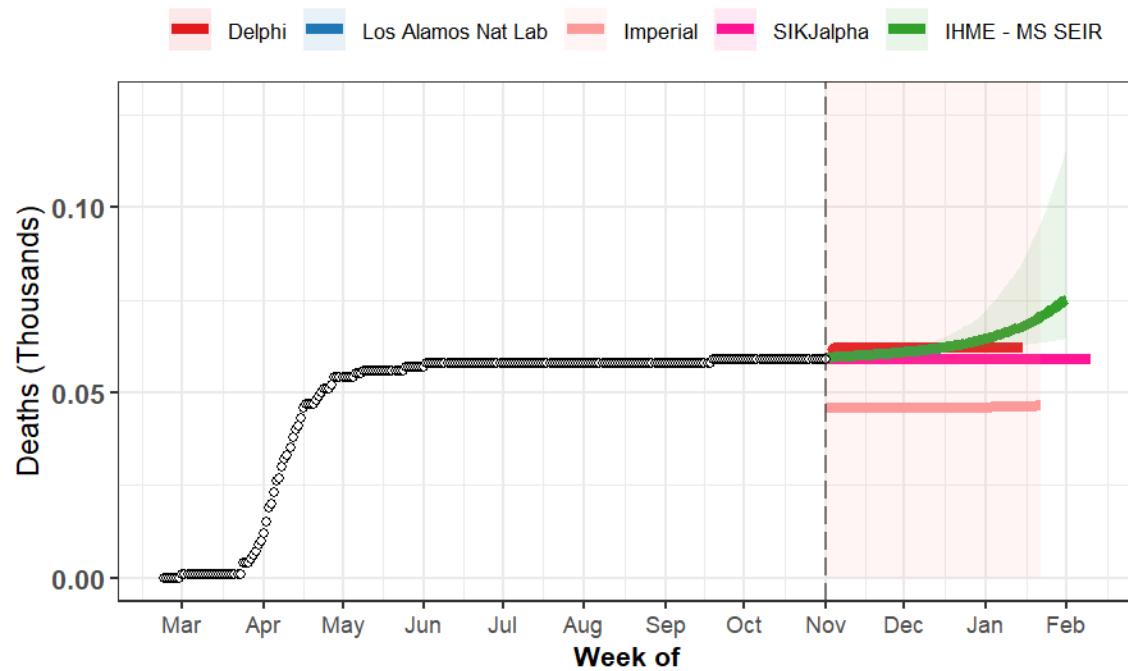


## All Cumulative Errors

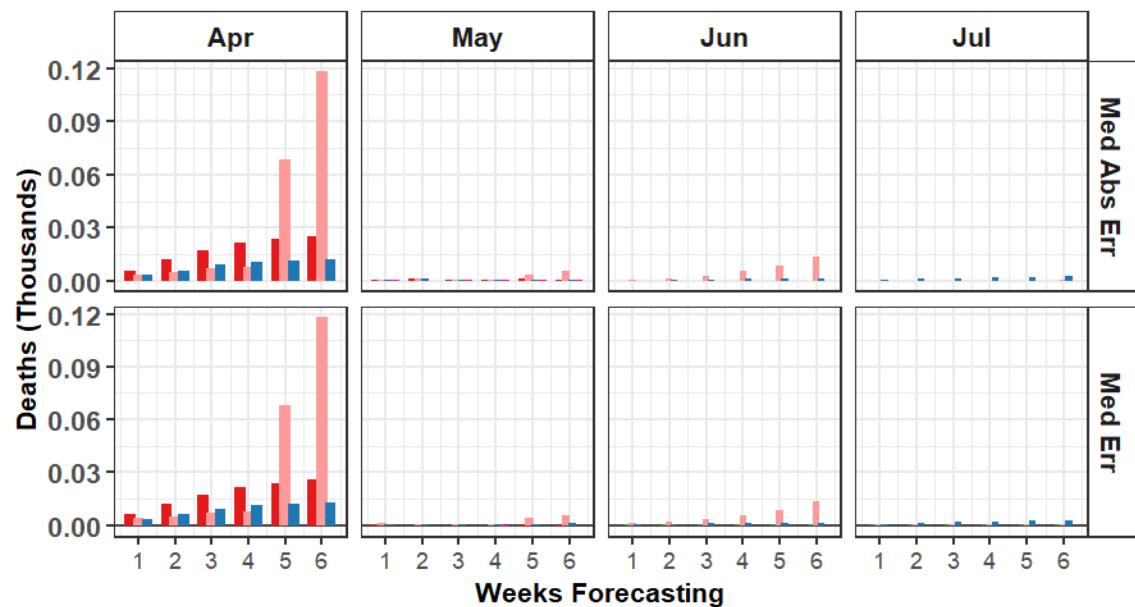


# Thailand

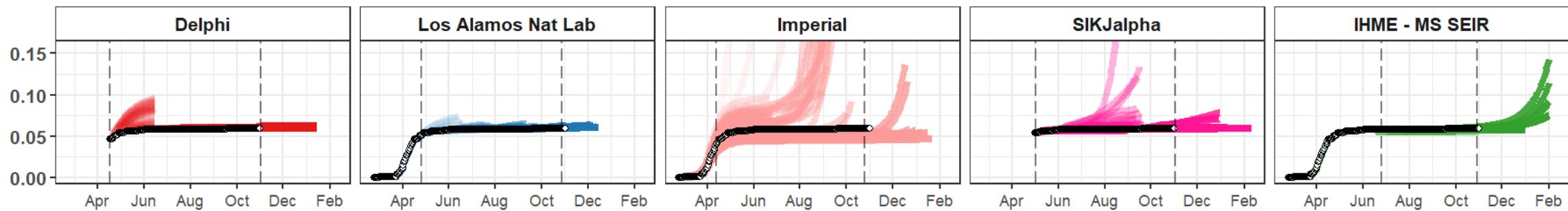
## Current Forecast



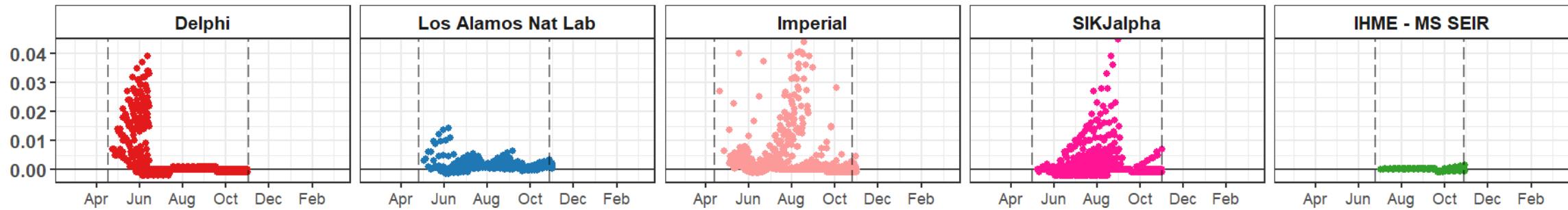
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



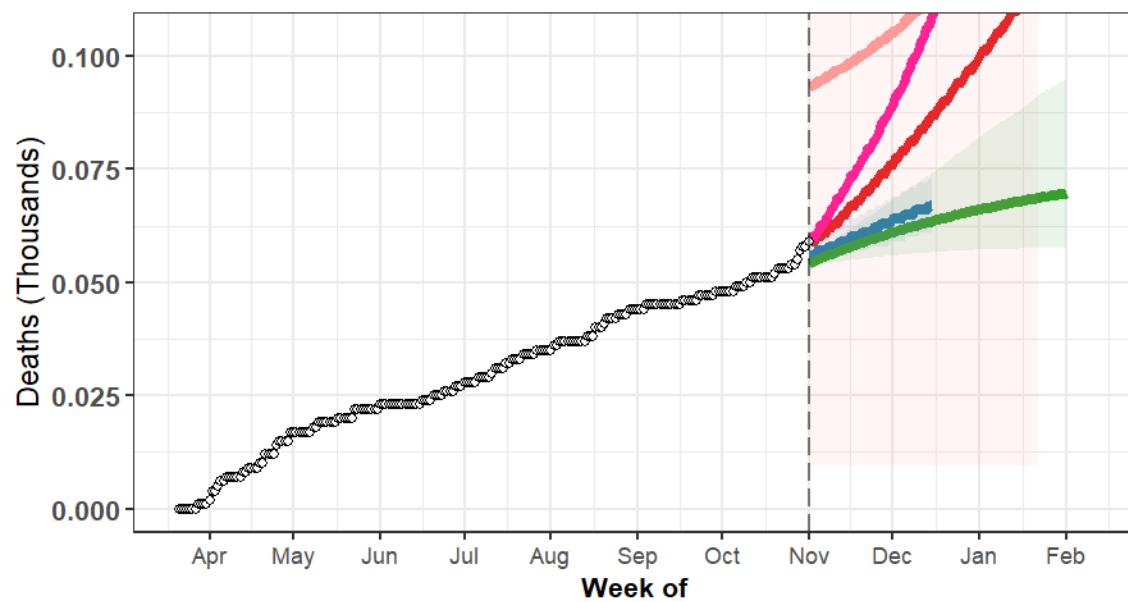
## All Cumulative Errors



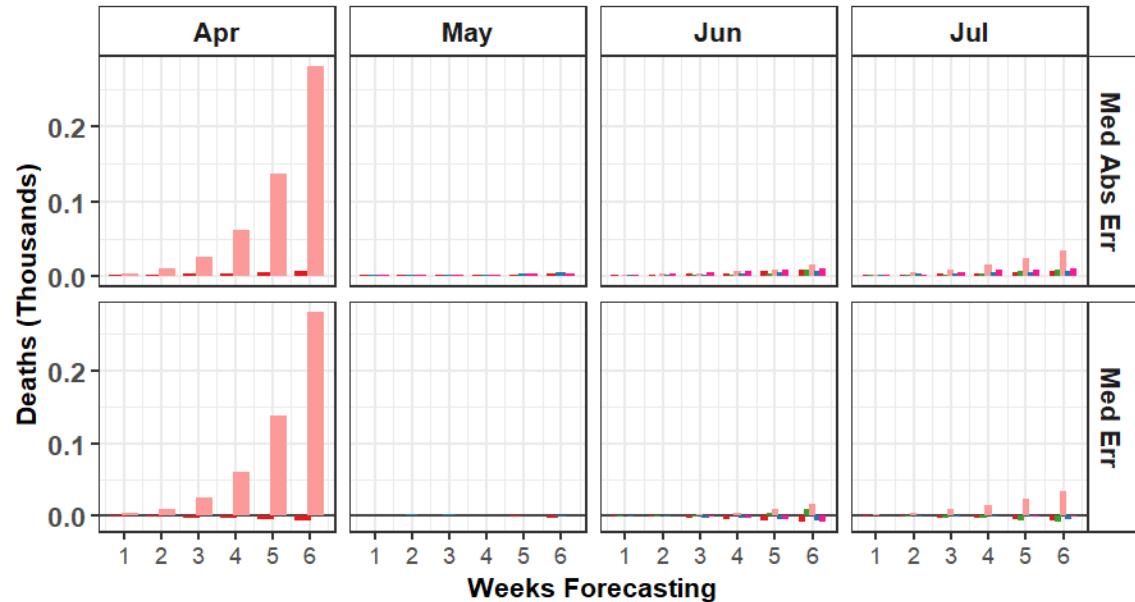
# Uruguay

## Current Forecast

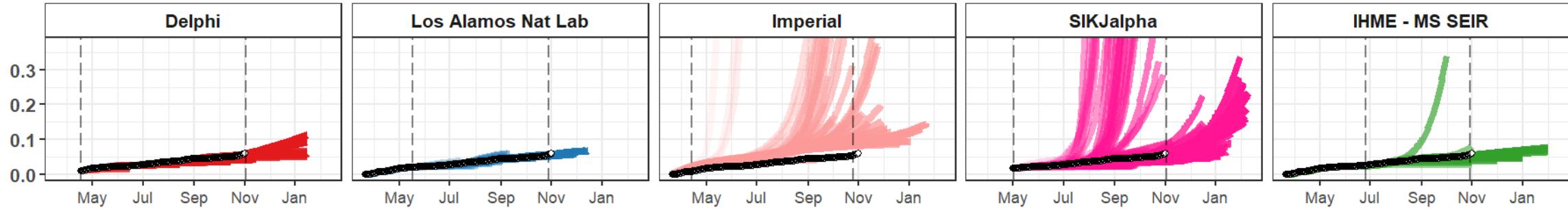
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



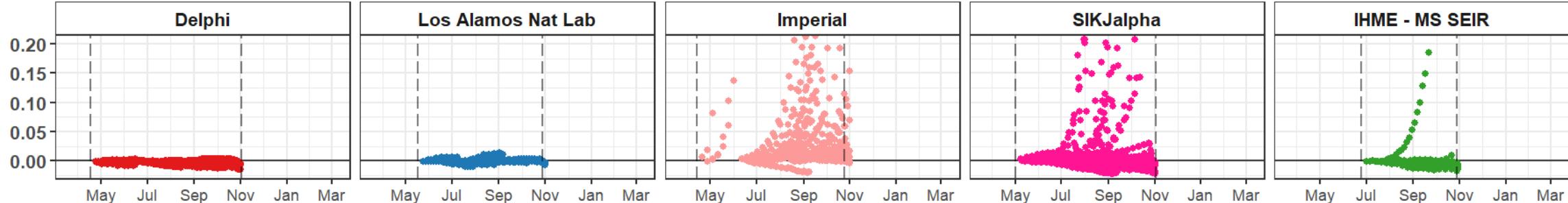
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

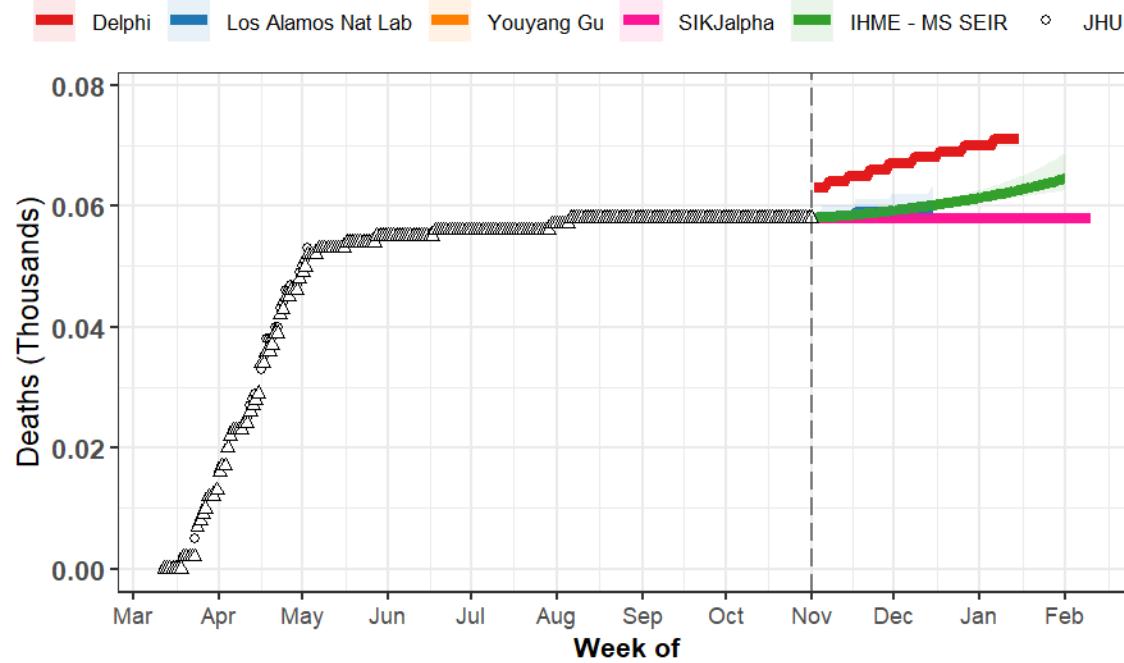


## All Cumulative Errors

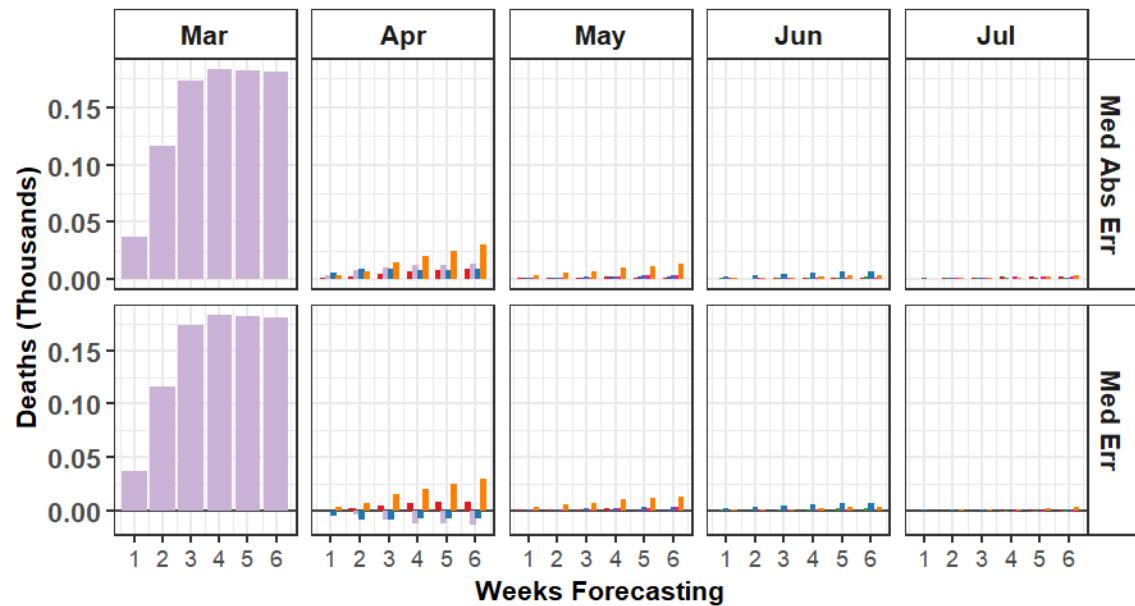


# Vermont

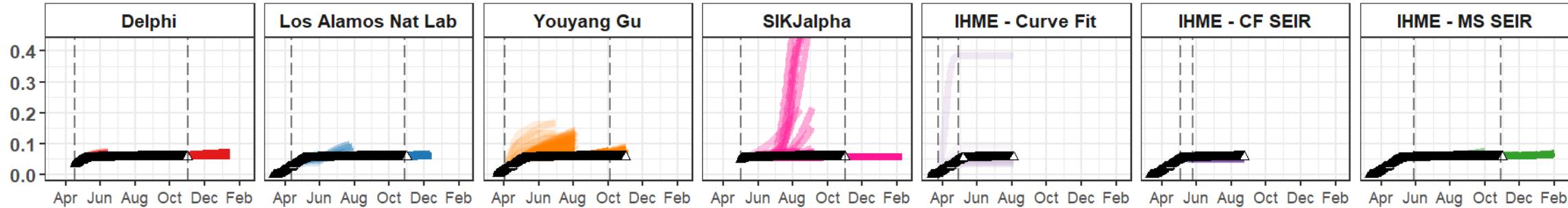
## Current Forecast



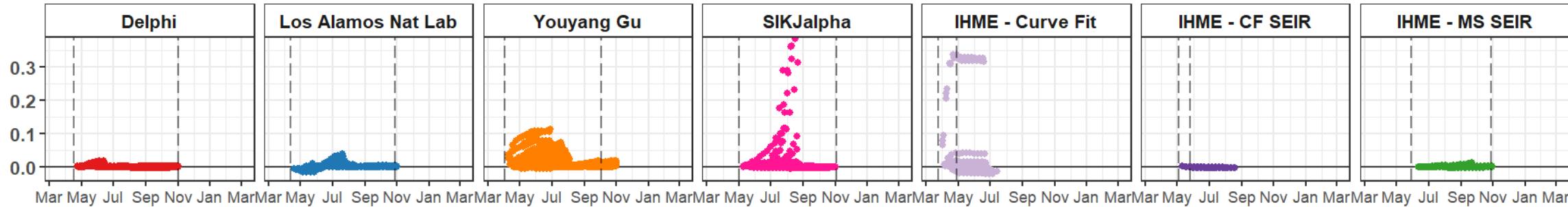
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



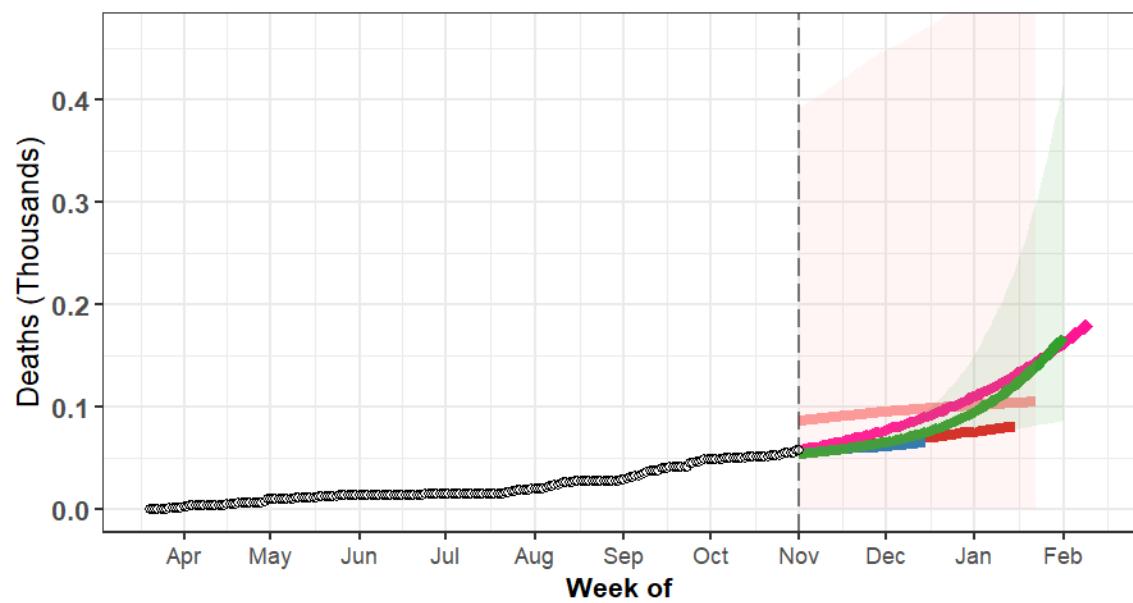
## All Cumulative Errors



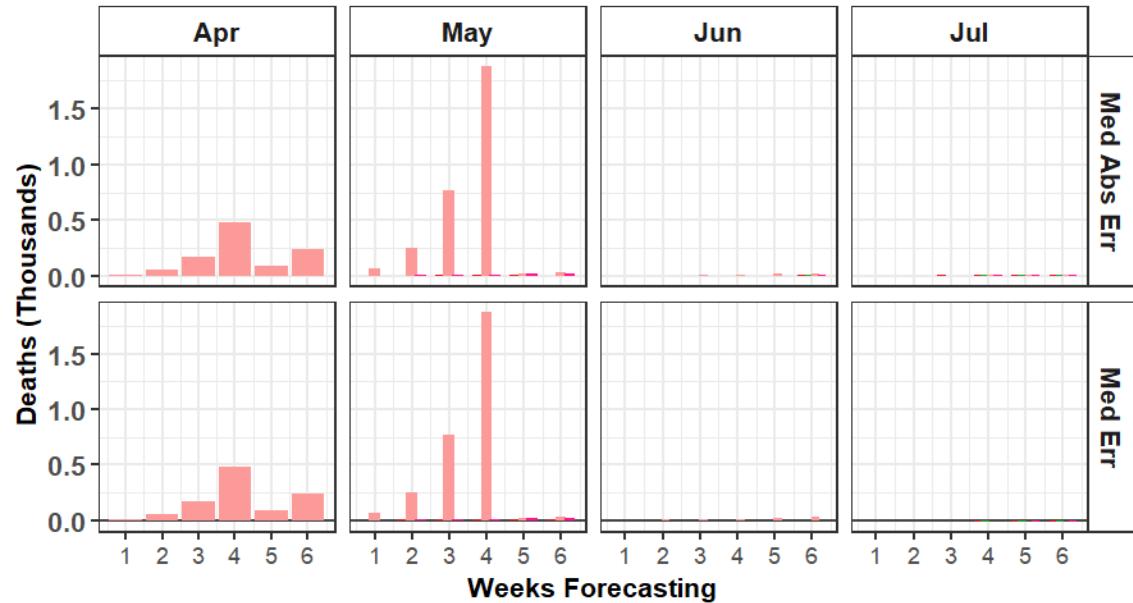
# Togo

## Current Forecast

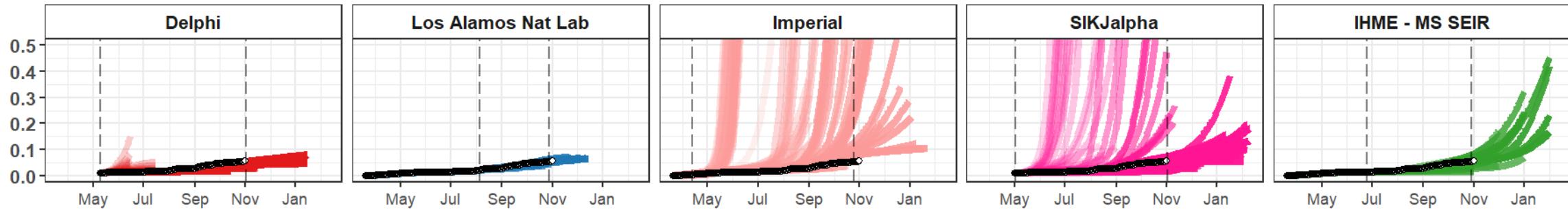
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



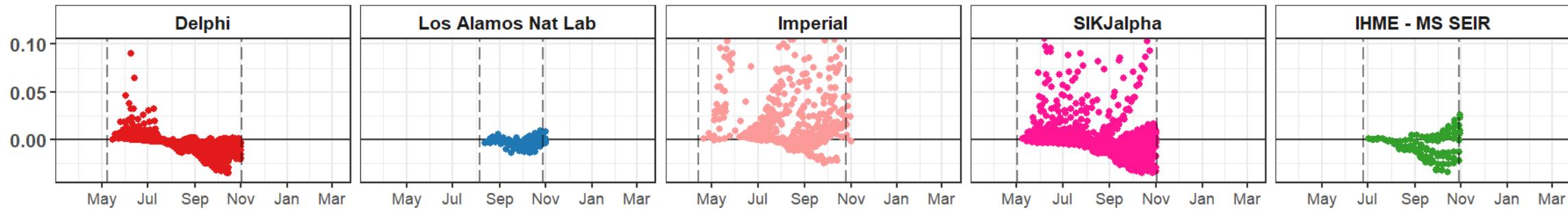
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



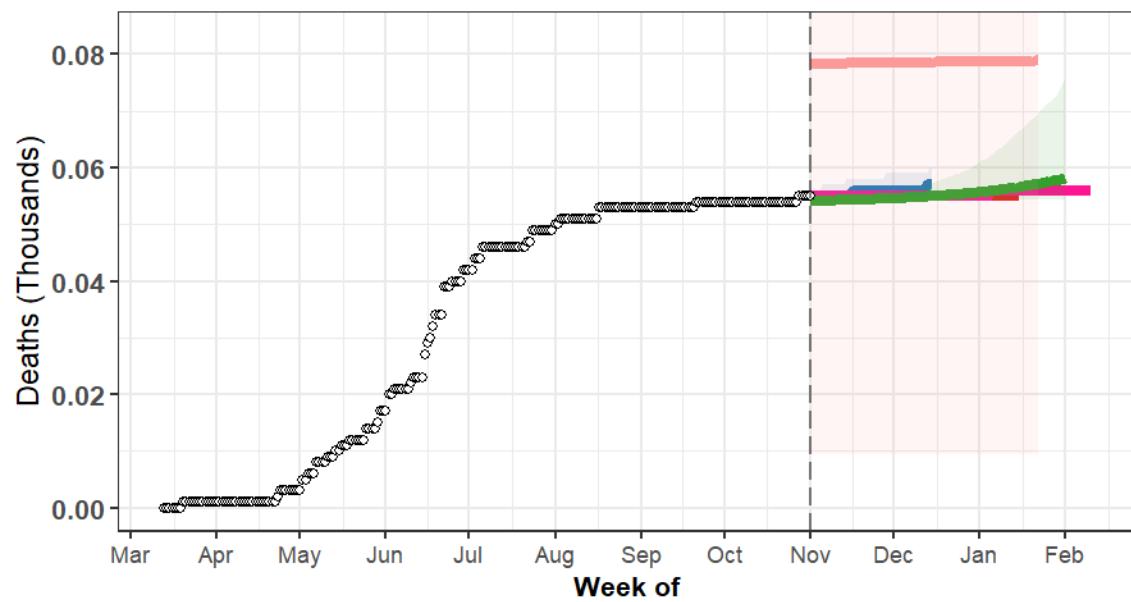
## All Cumulative Errors



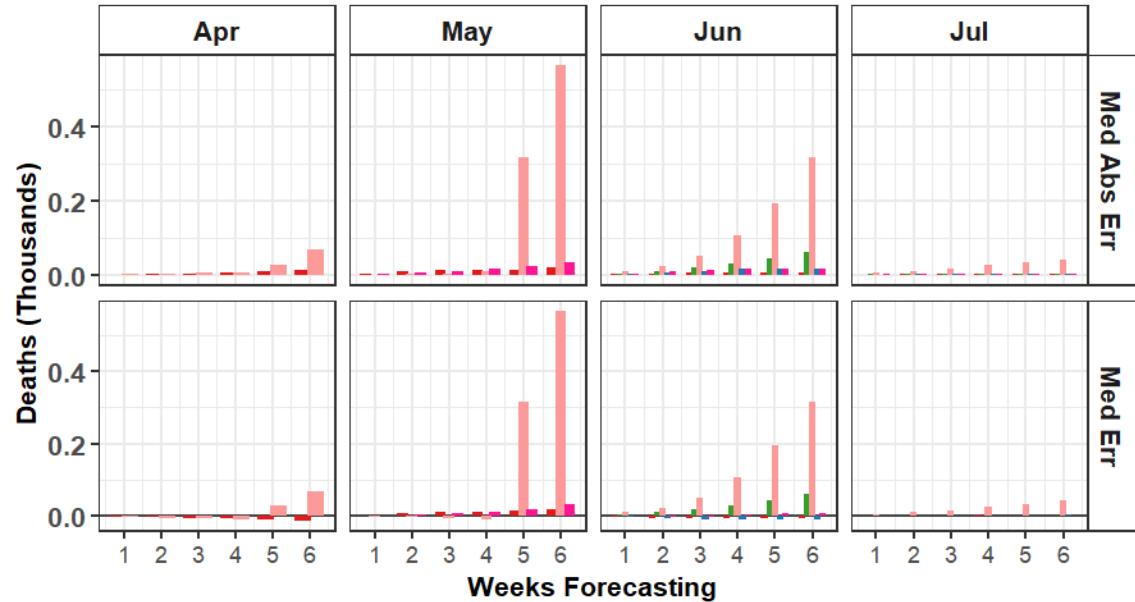
# Gabon

## Current Forecast

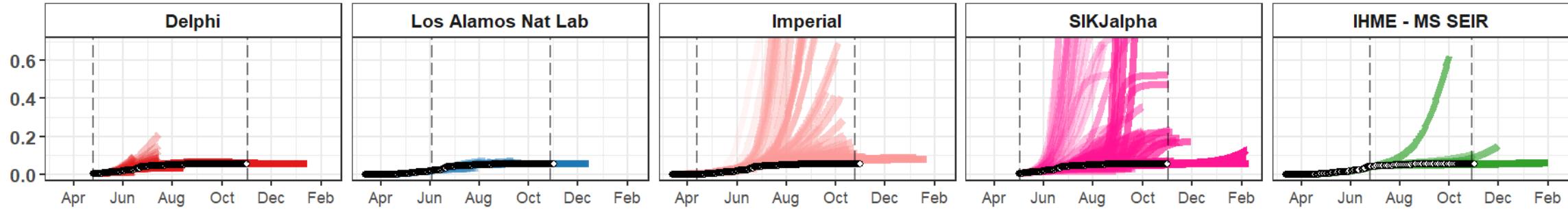
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



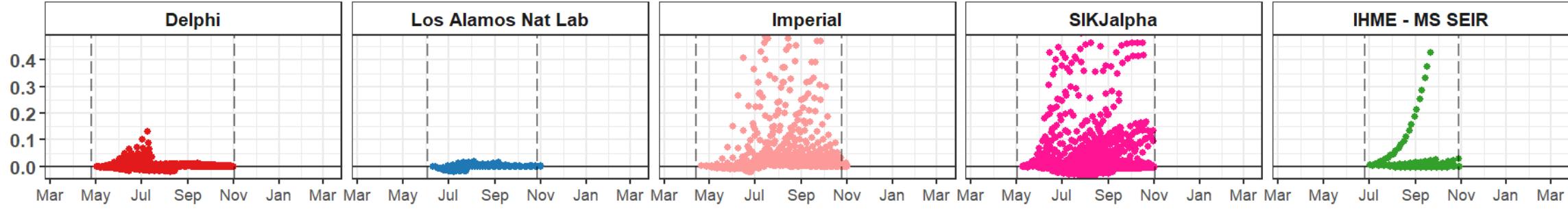
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



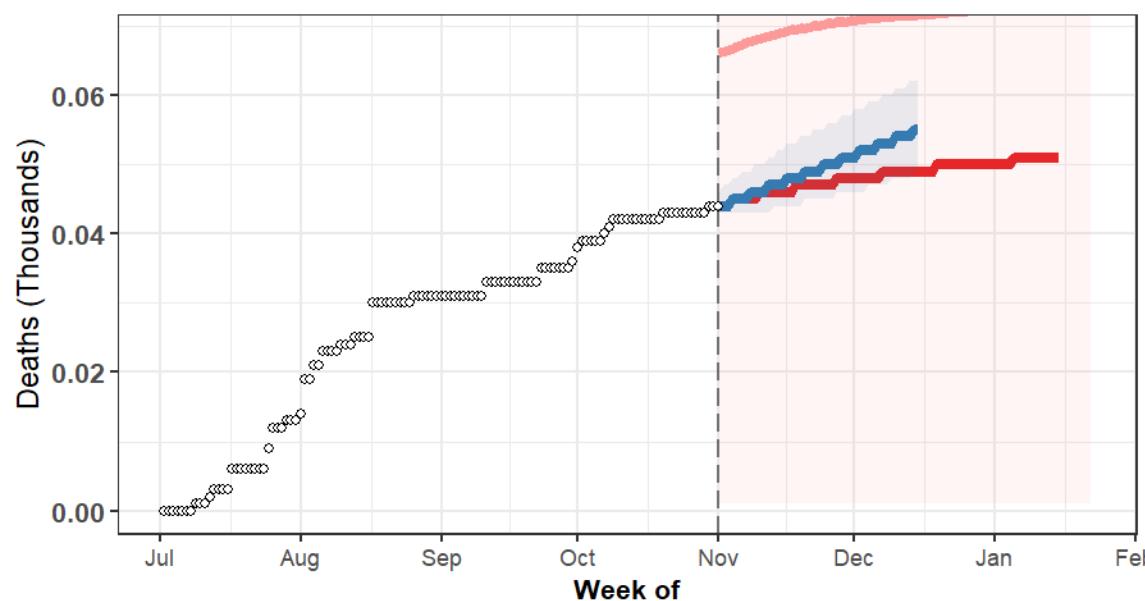
## All Cumulative Errors



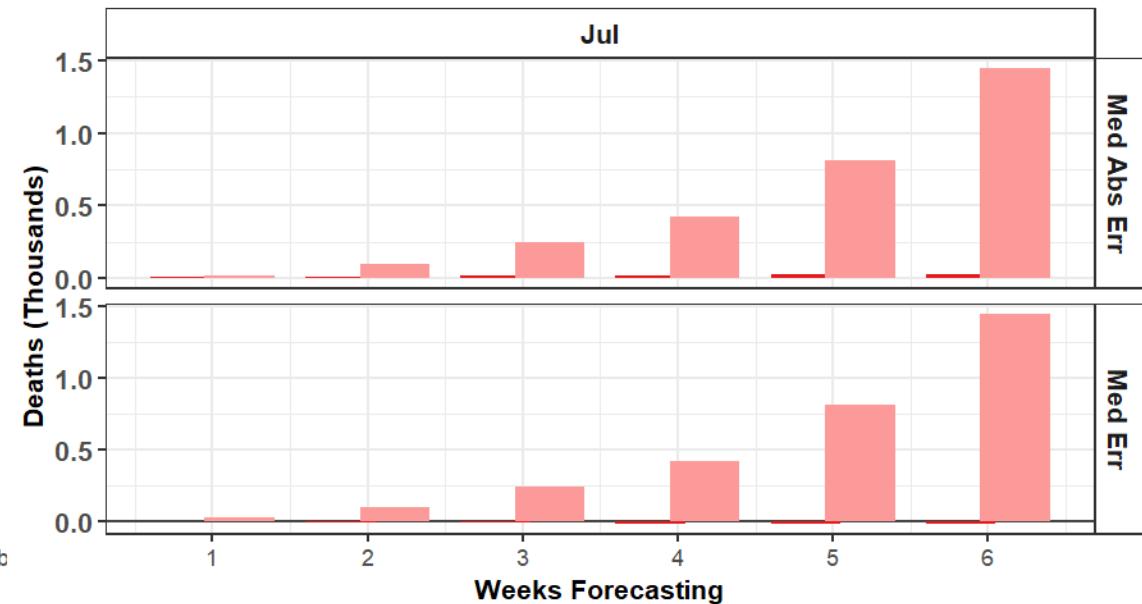
# Lesotho

## Current Forecast

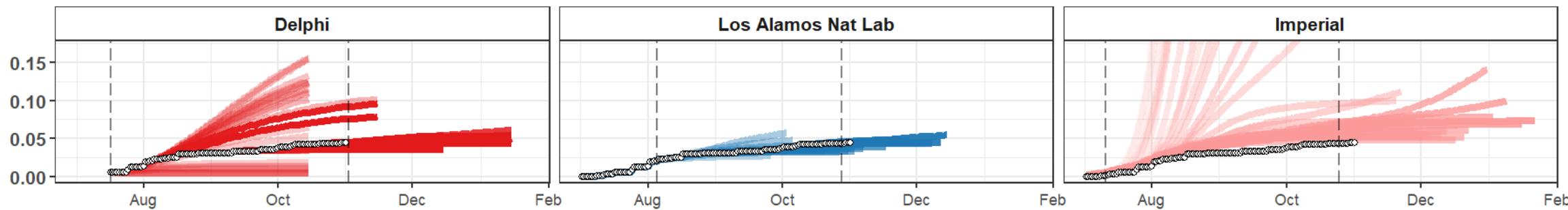
Delphi   Los Alamos Nat Lab   Imperial



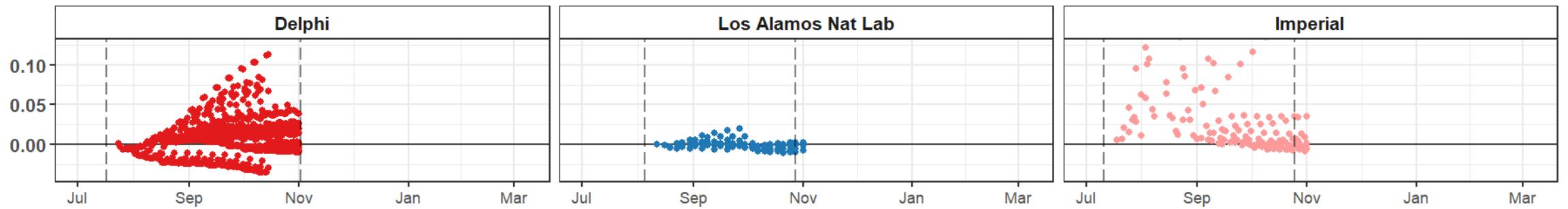
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



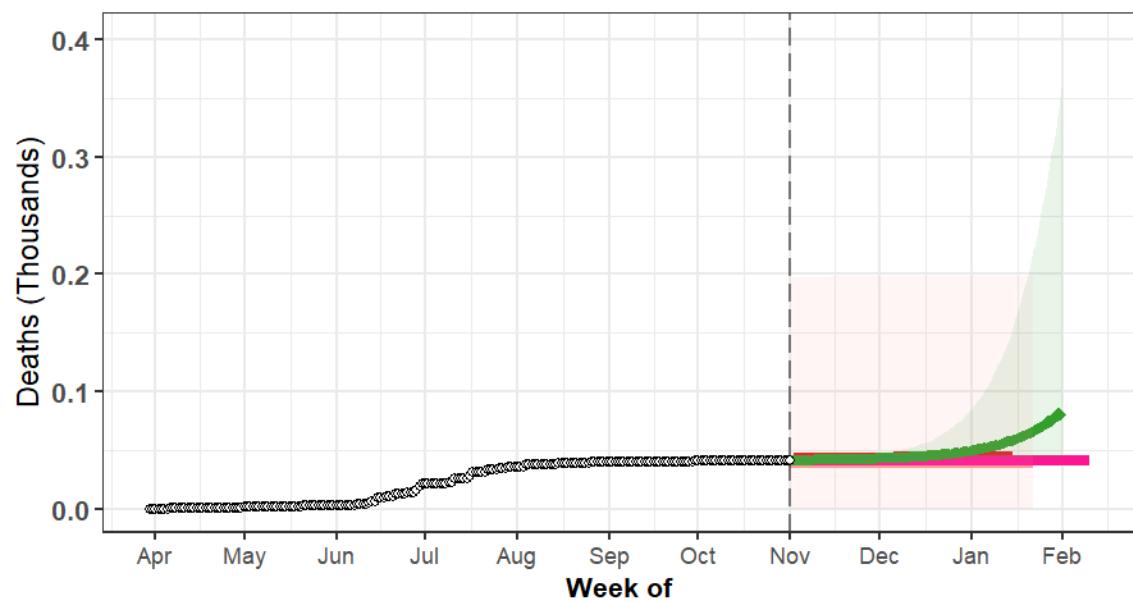
## All Cumulative Errors



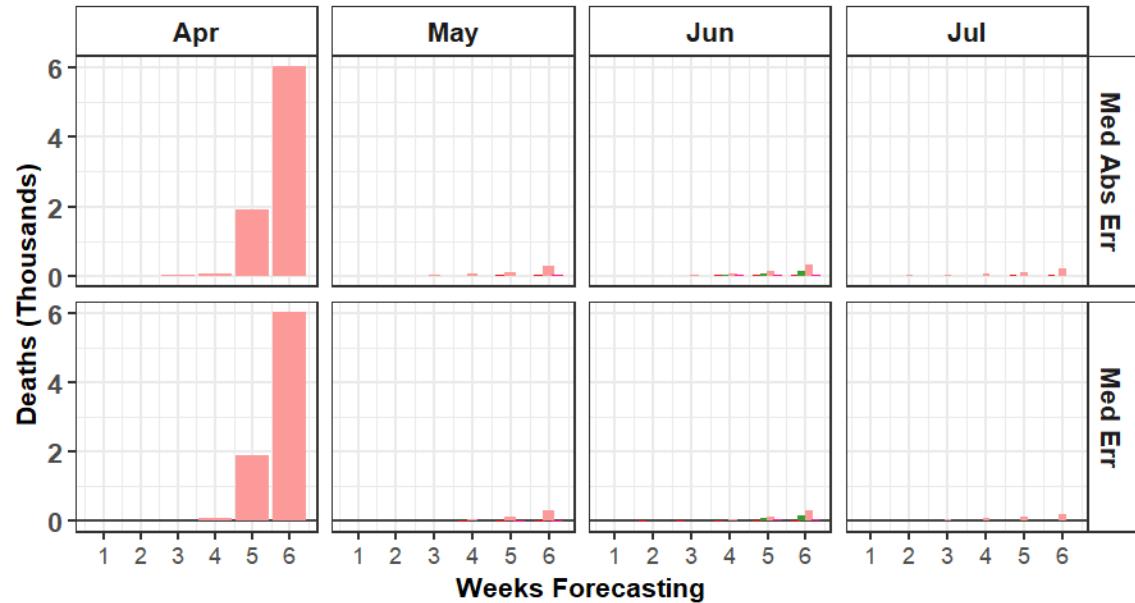
# Benin

## Current Forecast

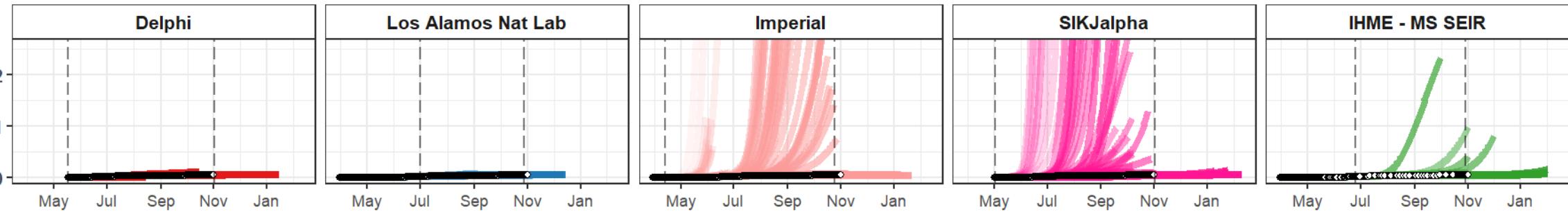
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



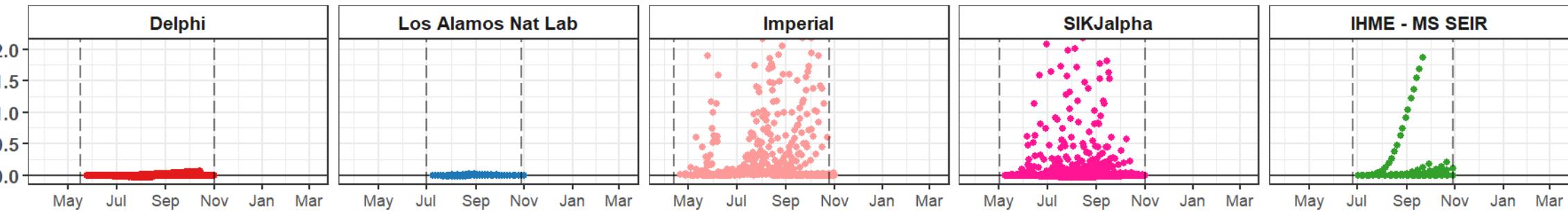
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



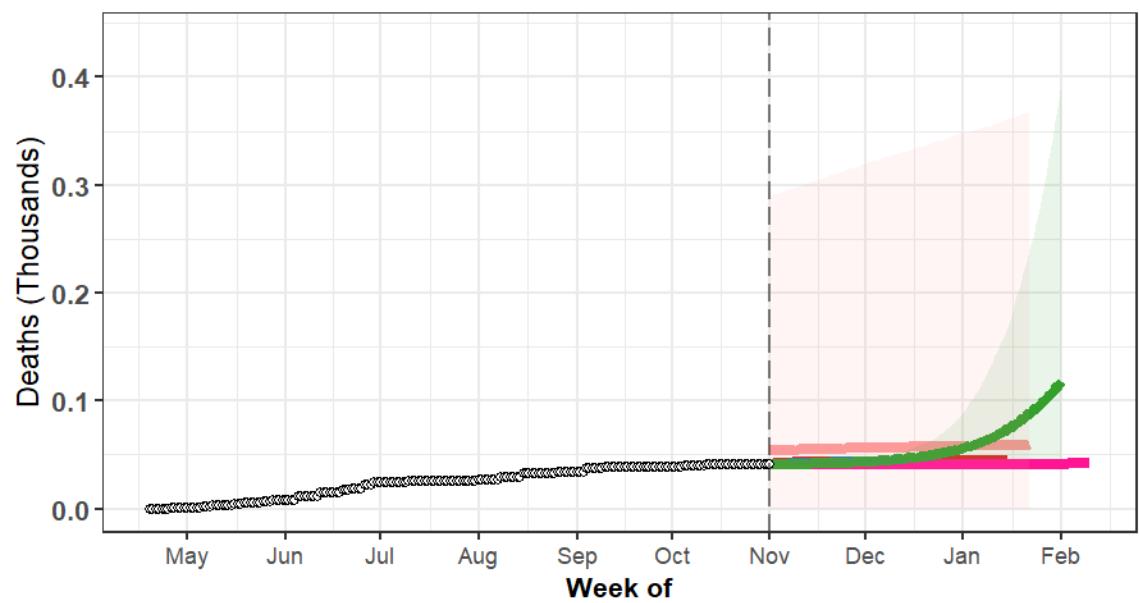
## All Cumulative Errors



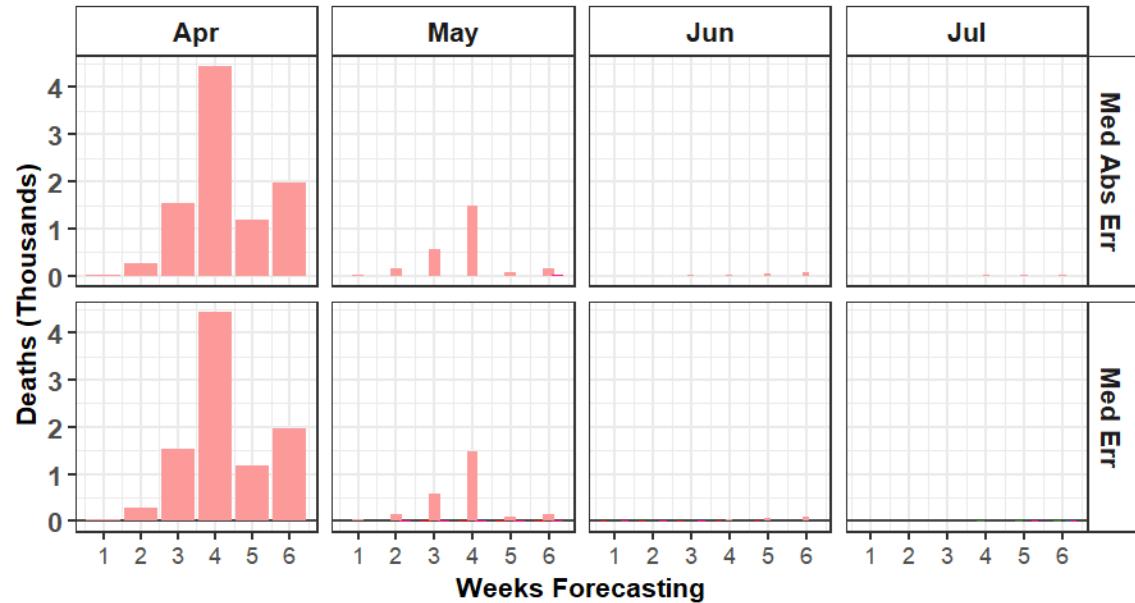
# Guinea-Bissau

## Current Forecast

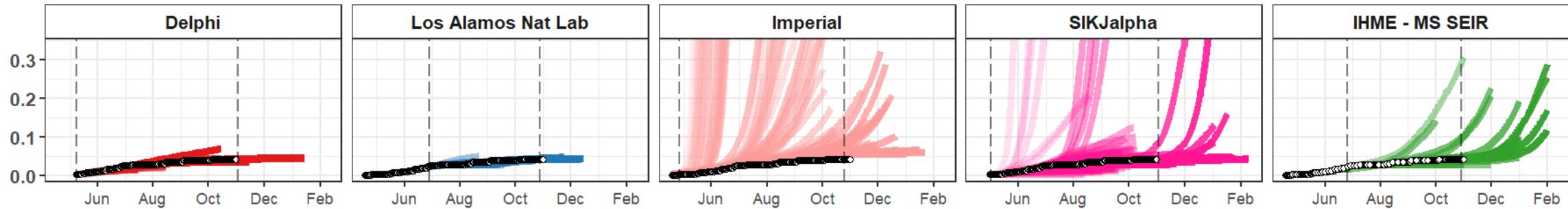
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



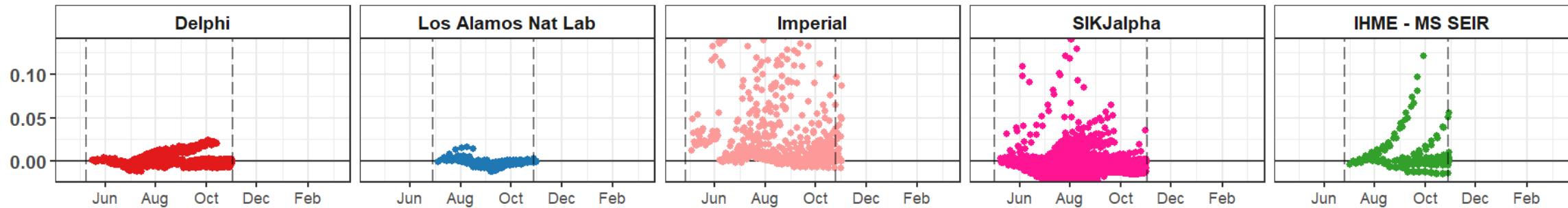
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

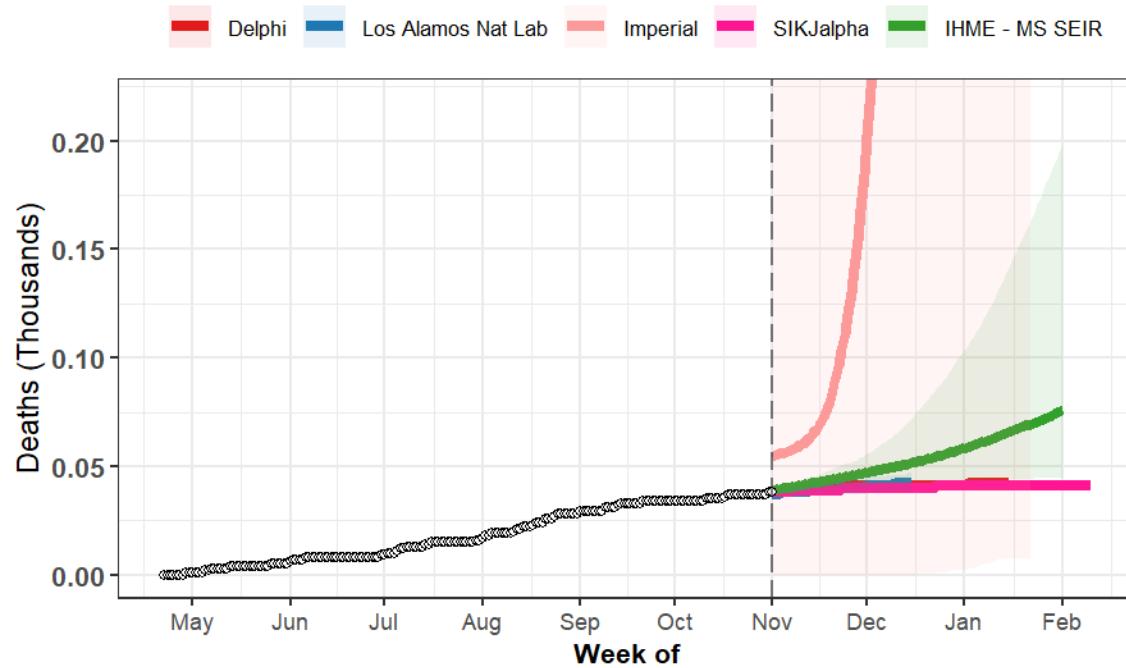


## All Cumulative Errors

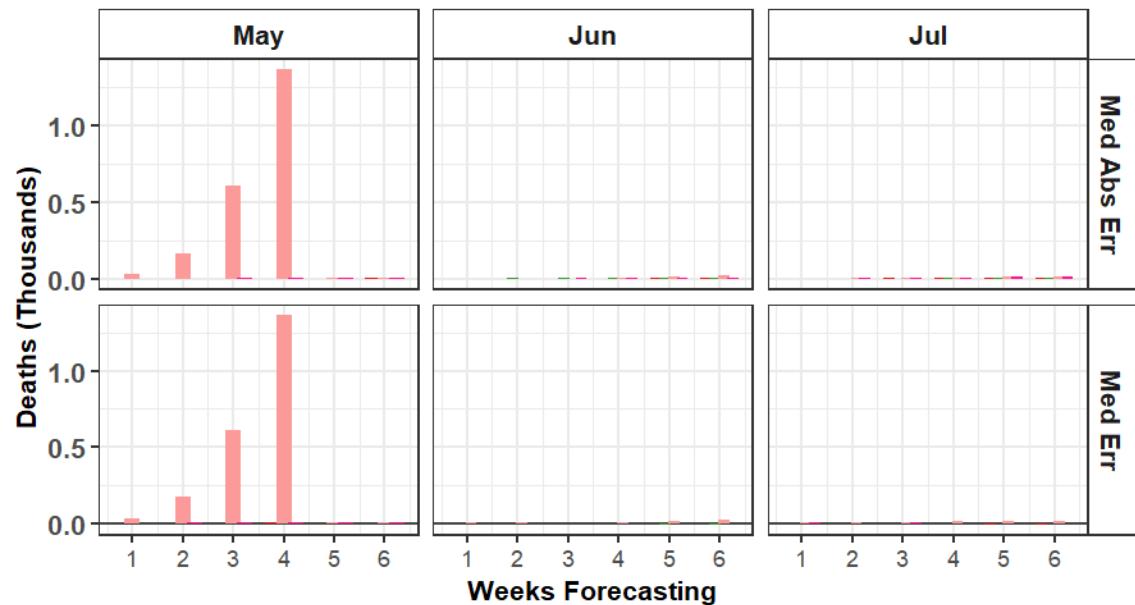


# Maldives

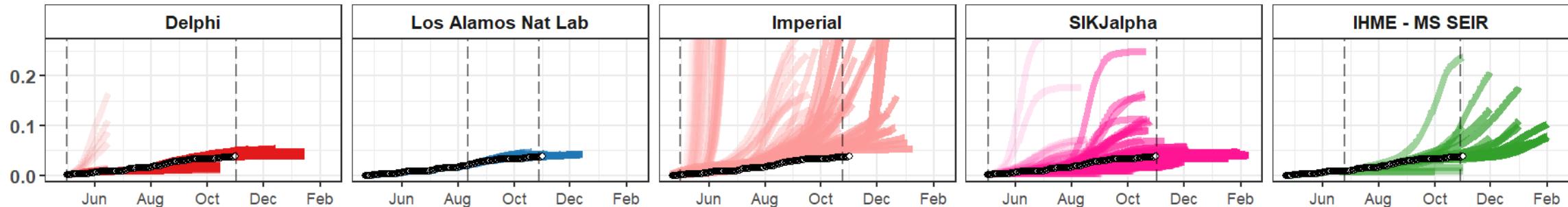
## Current Forecast



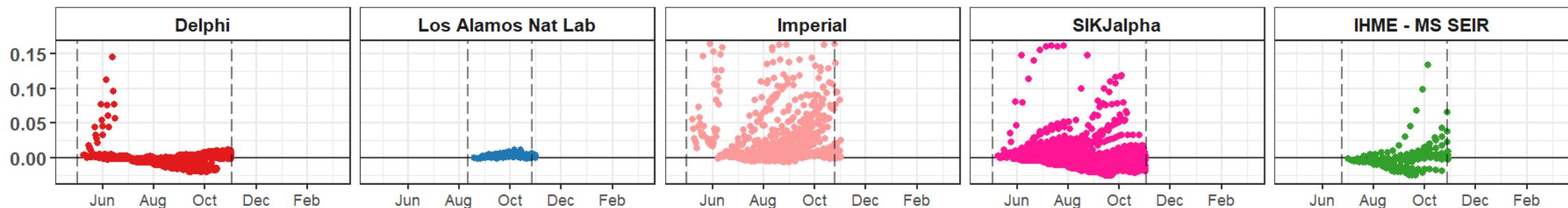
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



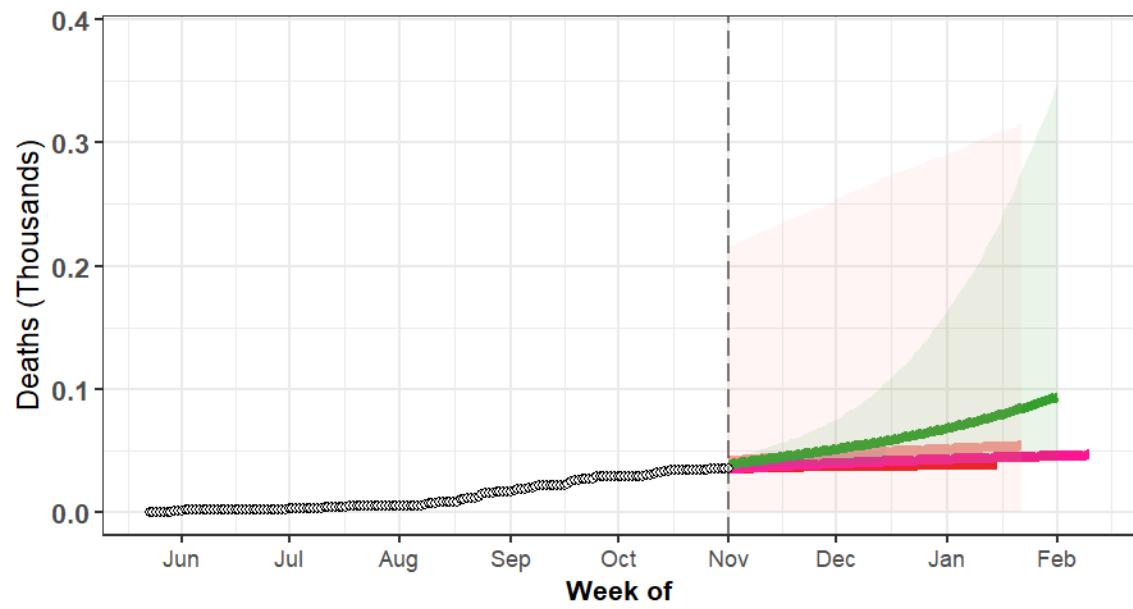
## All Cumulative Errors



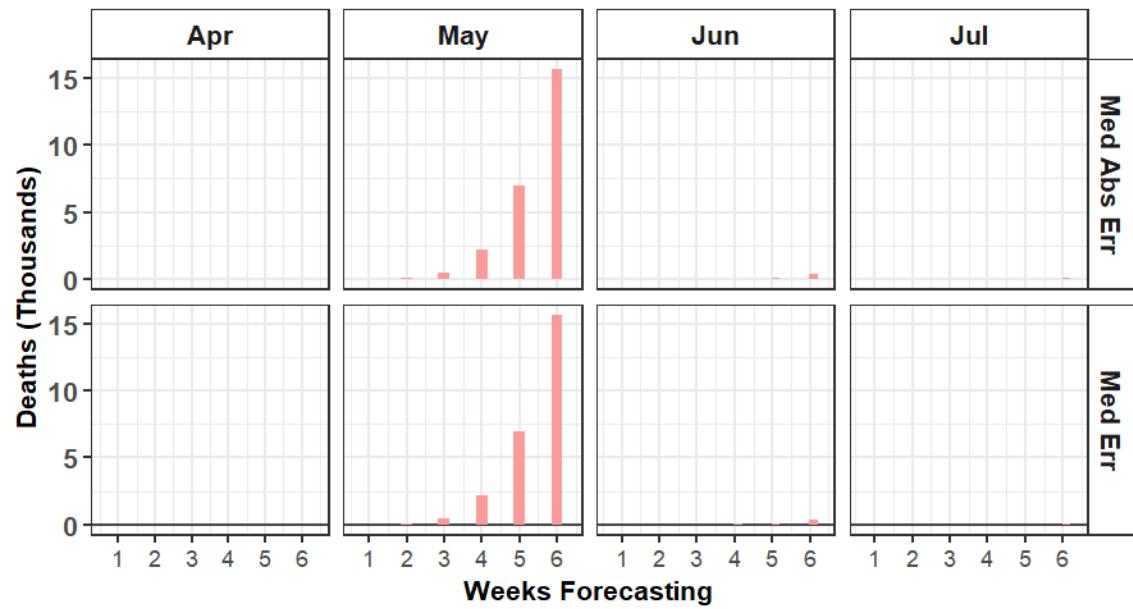
# Rwanda

## Current Forecast

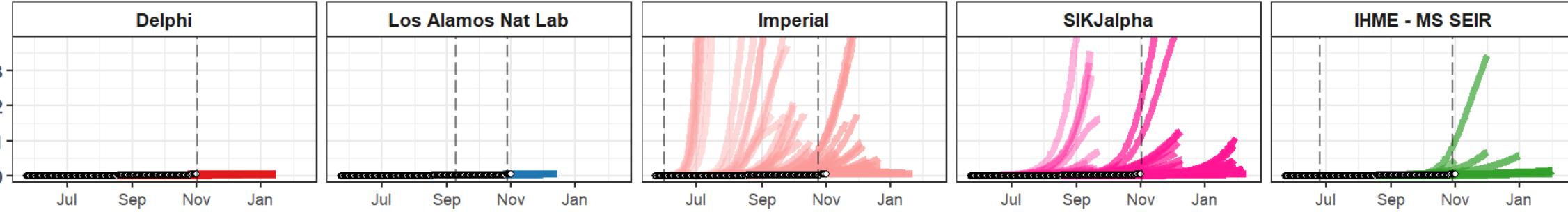
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



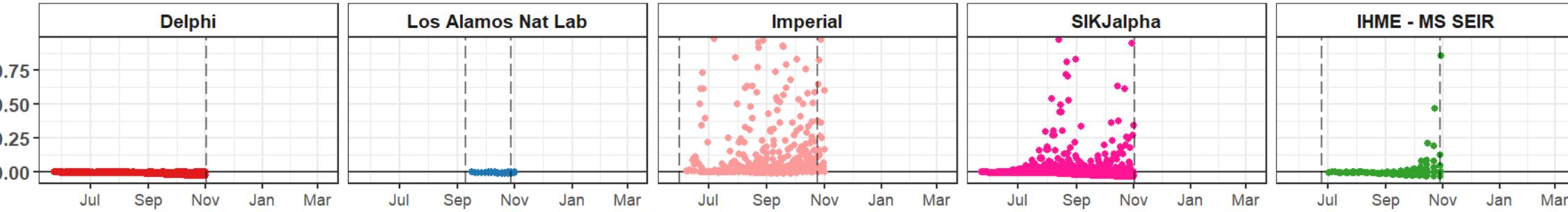
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



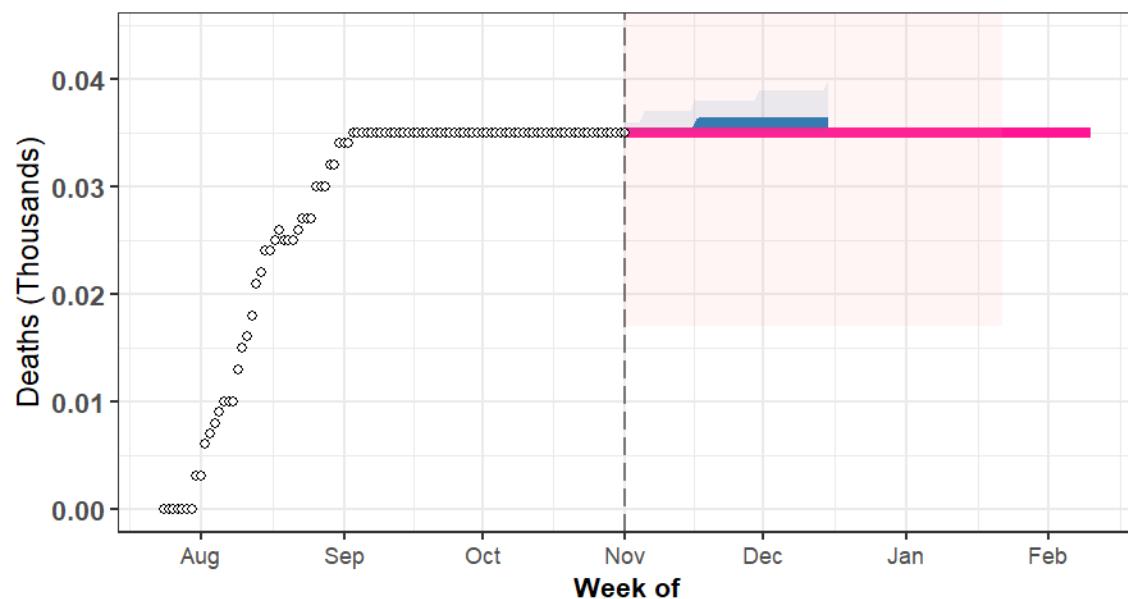
## All Cumulative Errors



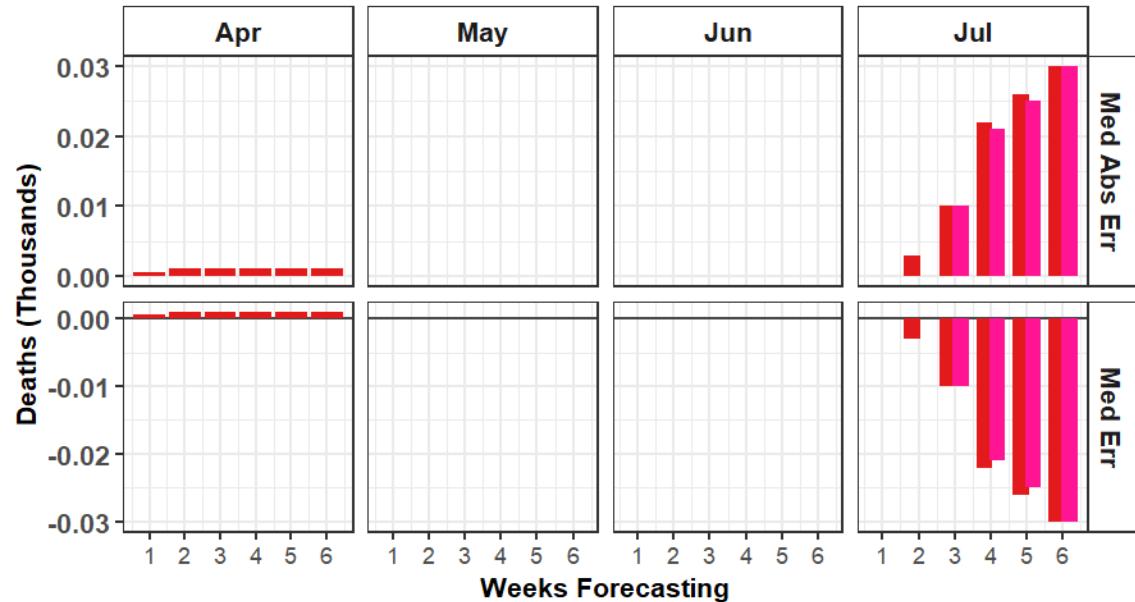
# Vietnam

## Current Forecast

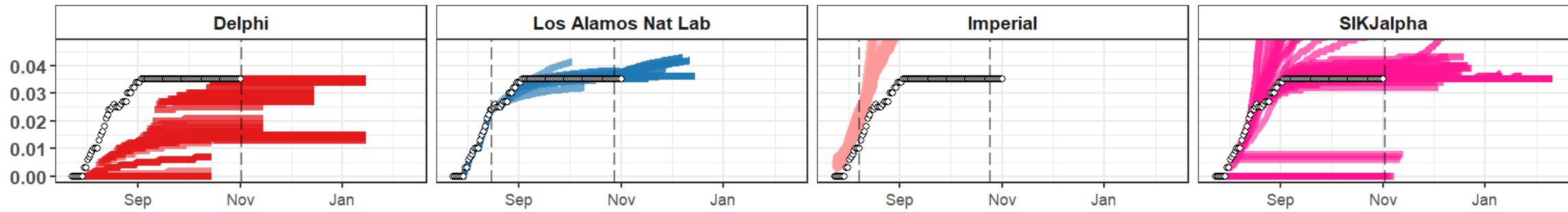
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha



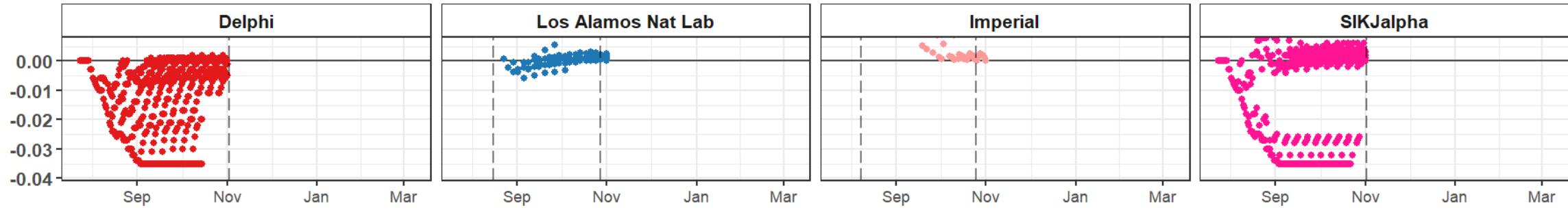
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

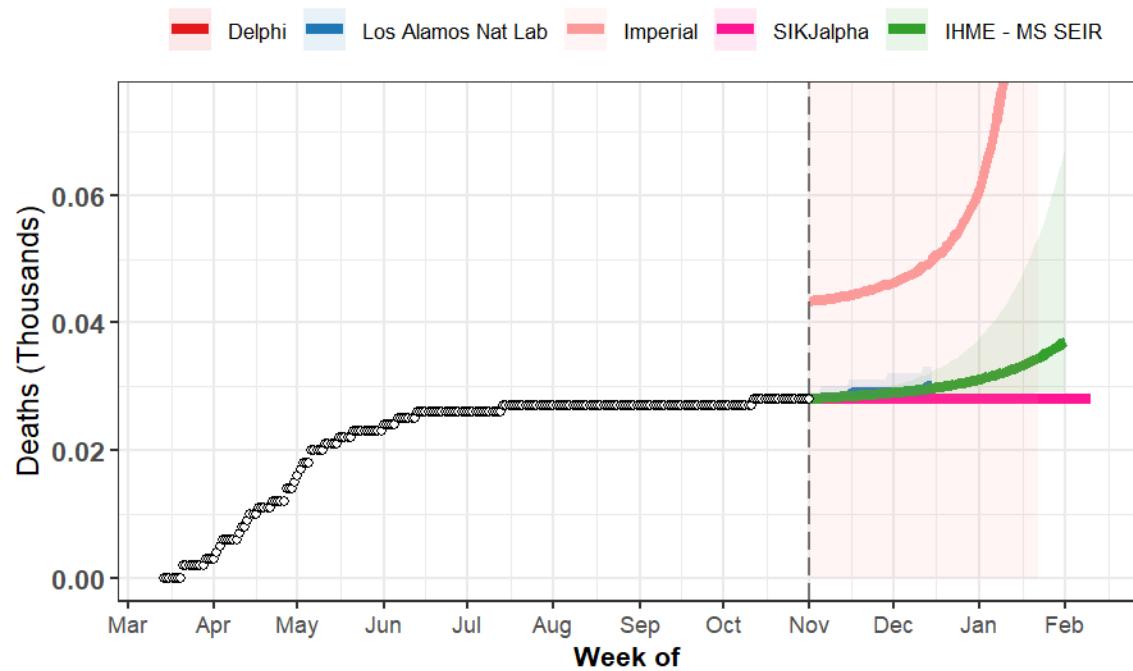


## All Cumulative Errors

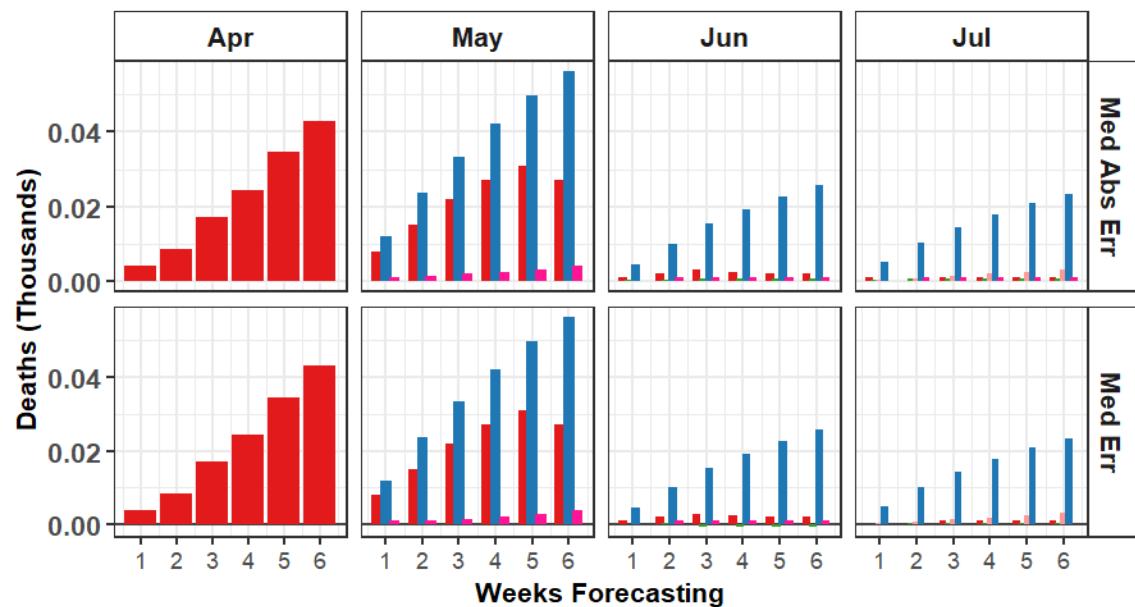


# Singapore

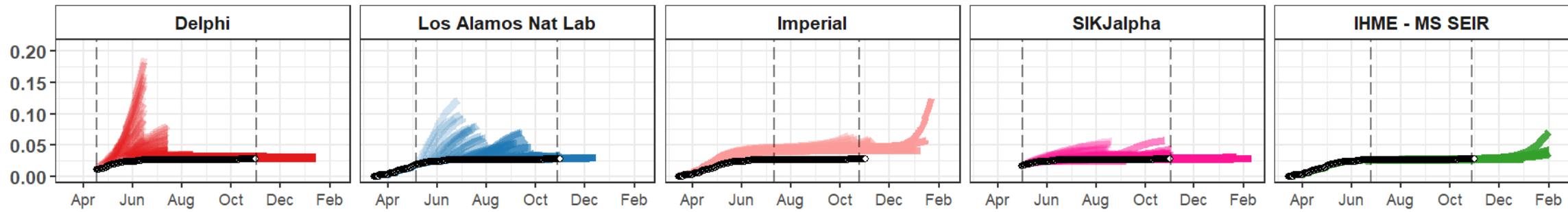
## Current Forecast



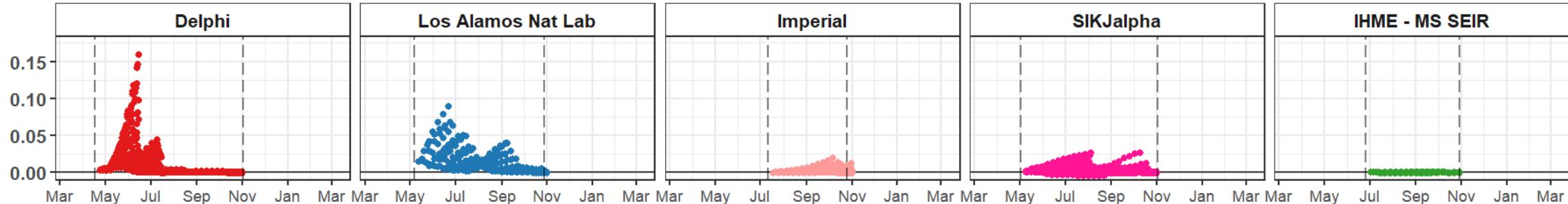
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

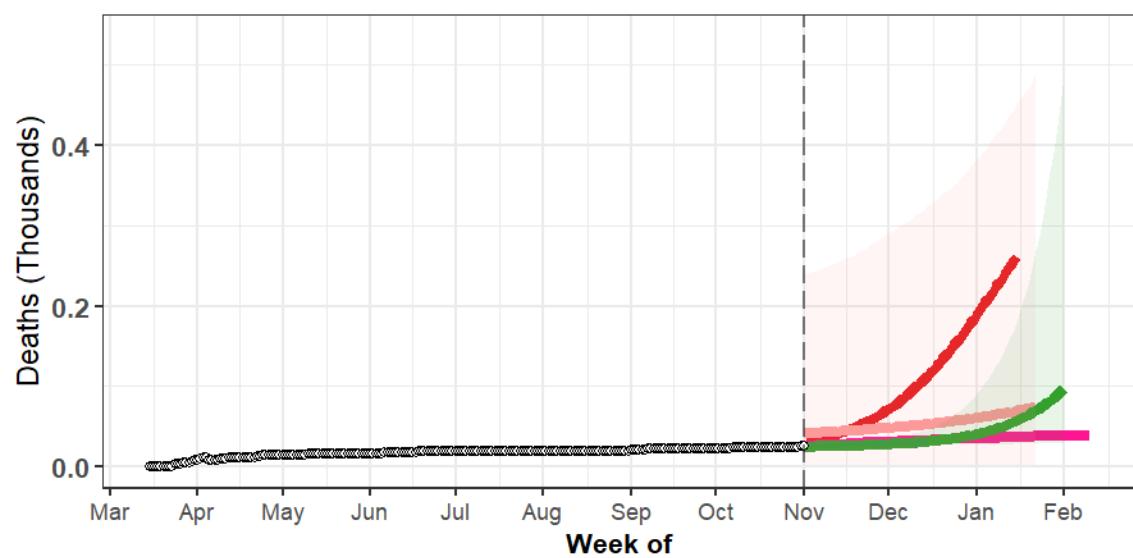


## All Cumulative Errors

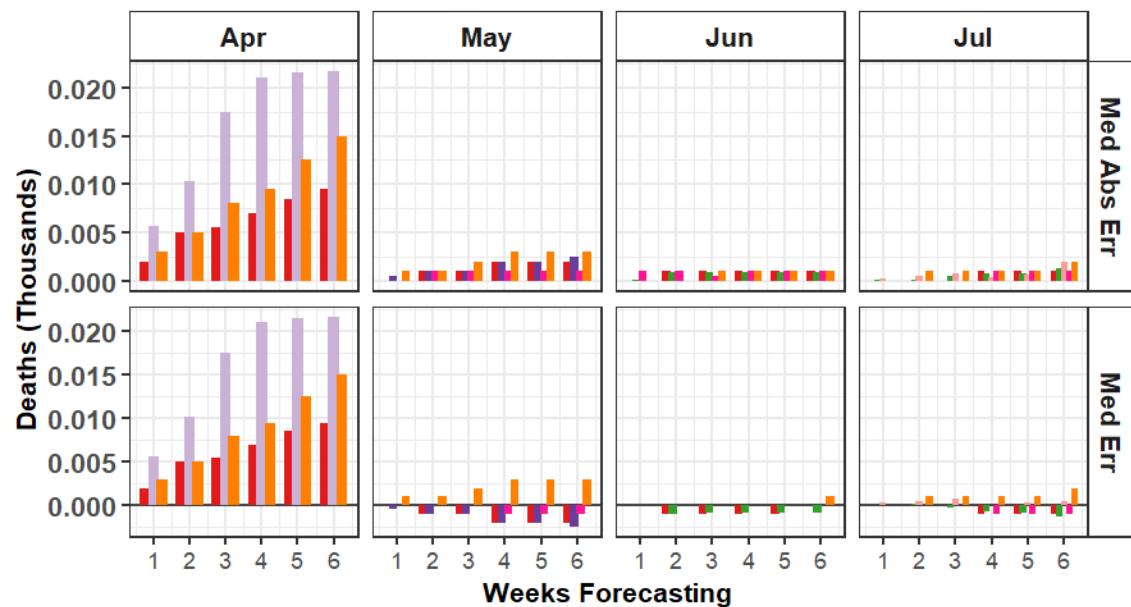


# Cyprus

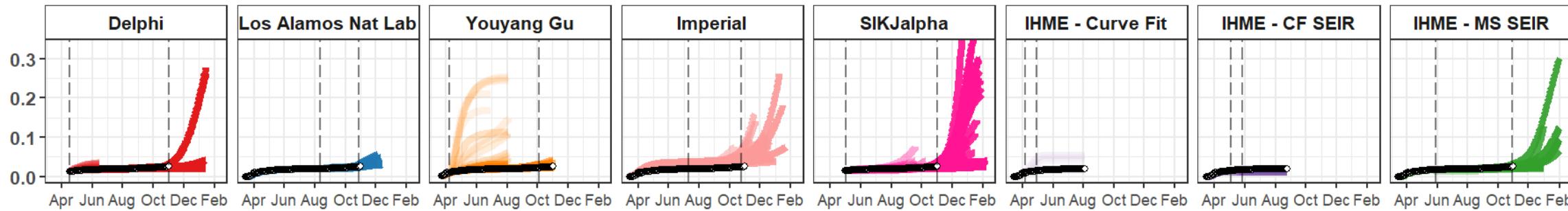
## Current Forecast



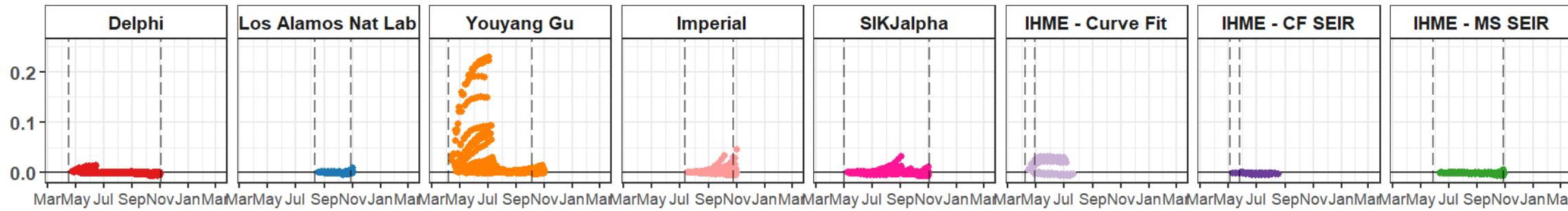
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

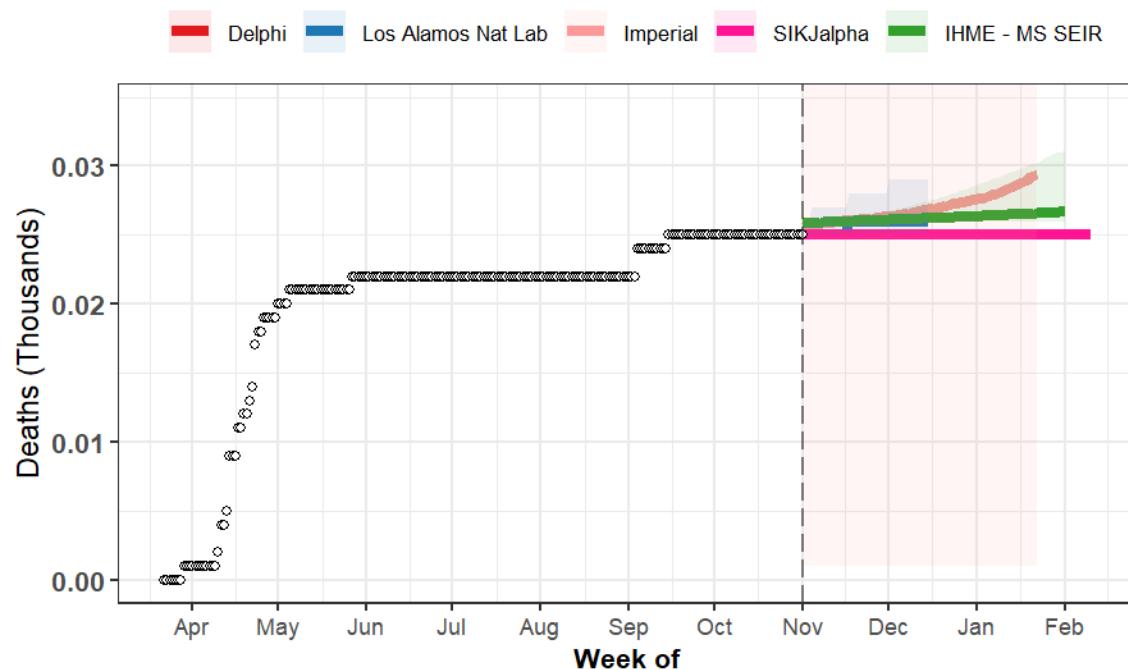


## All Cumulative Errors

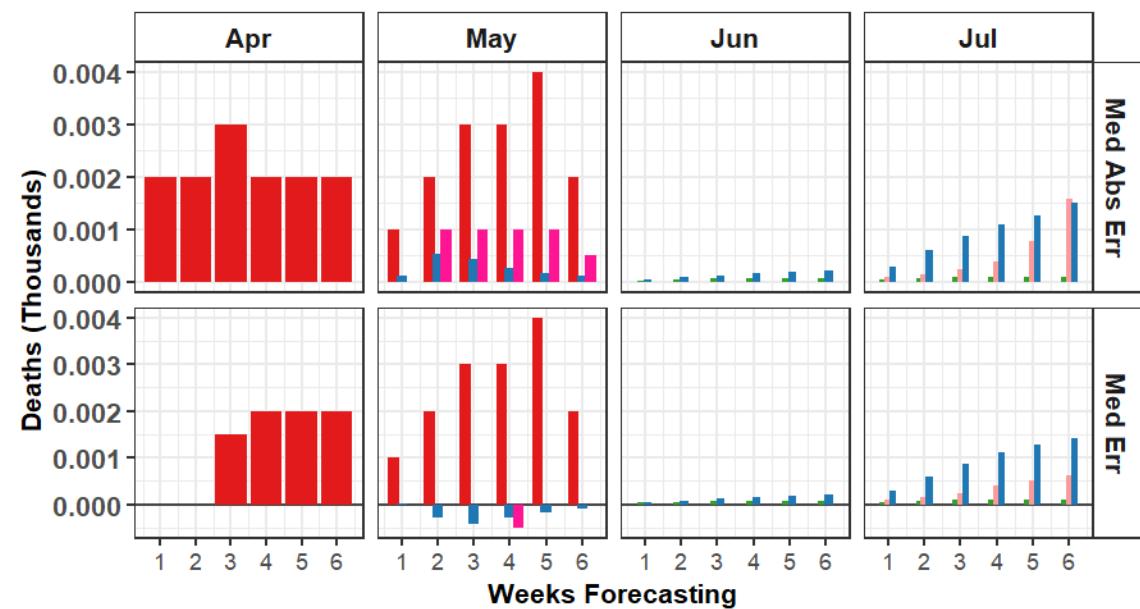


# New Zealand

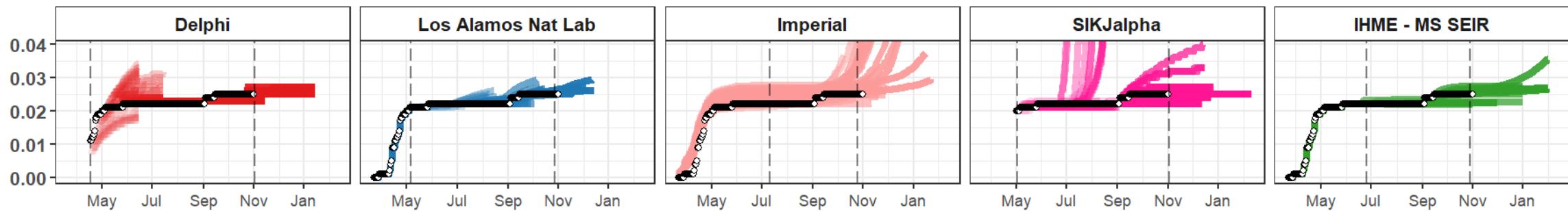
## Current Forecast



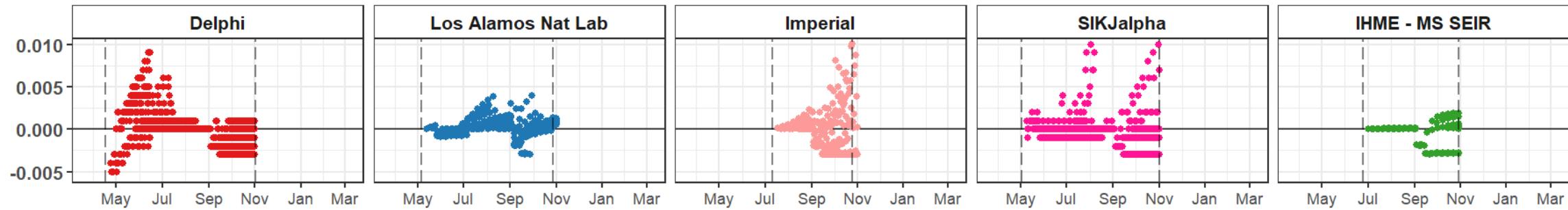
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



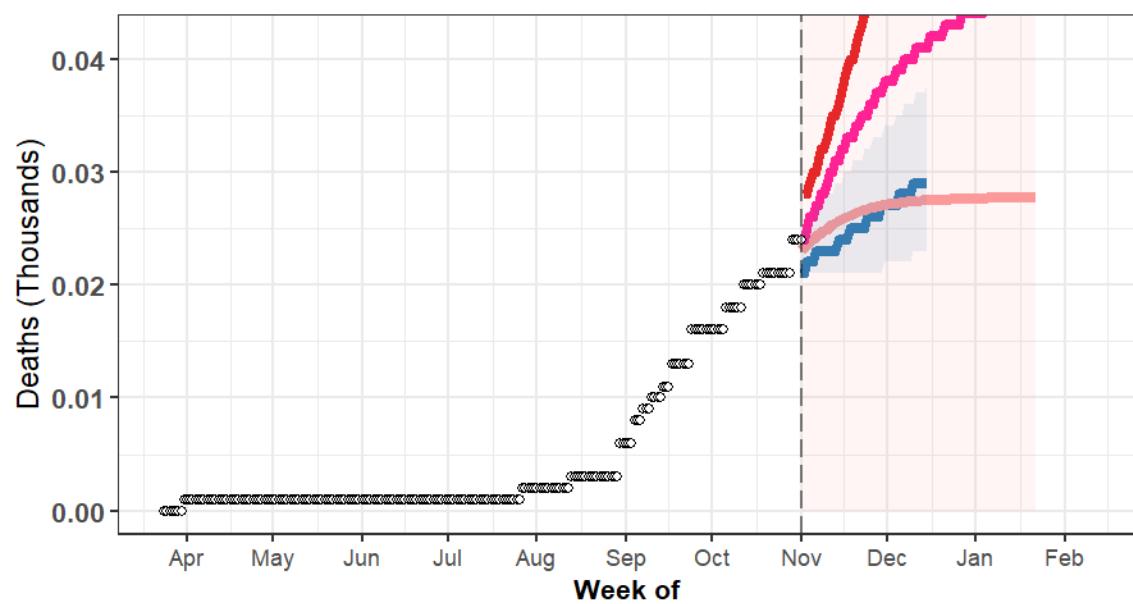
## All Cumulative Errors



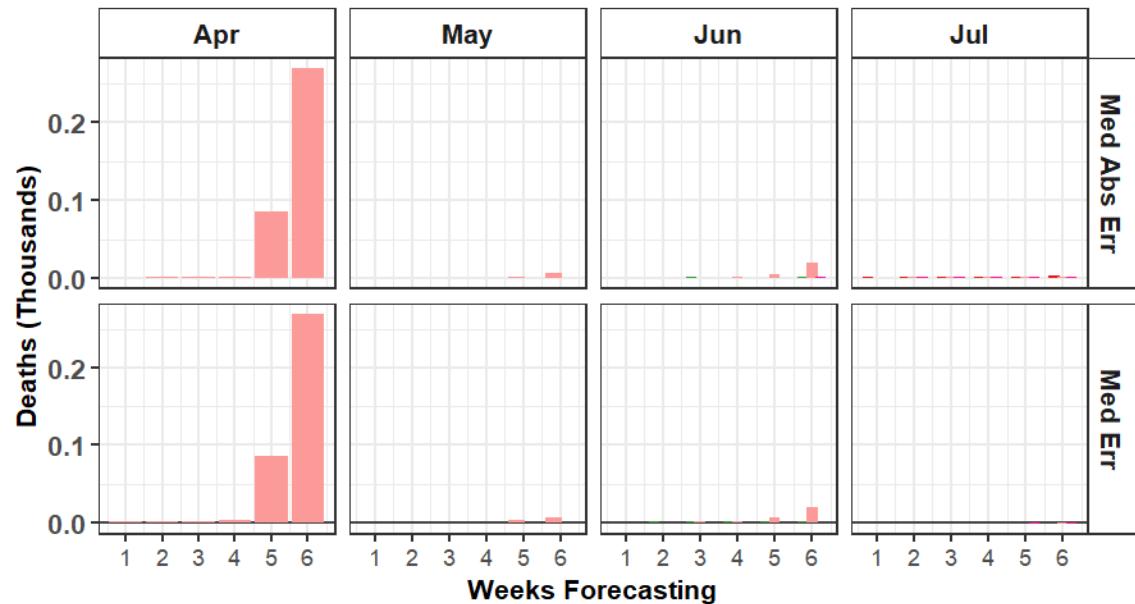
# Botswana

## Current Forecast

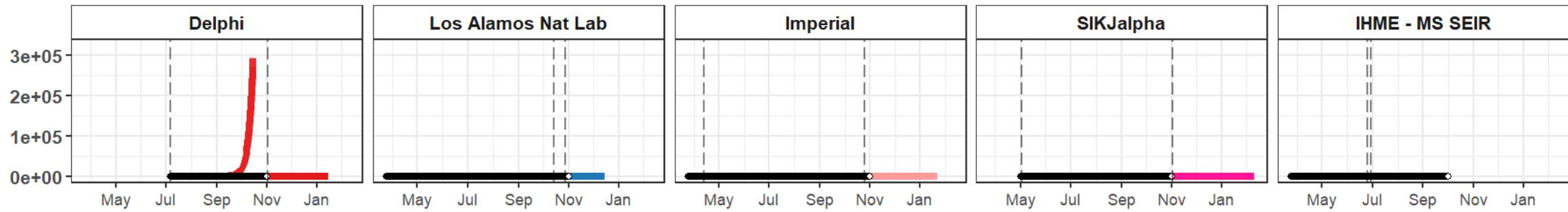
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha



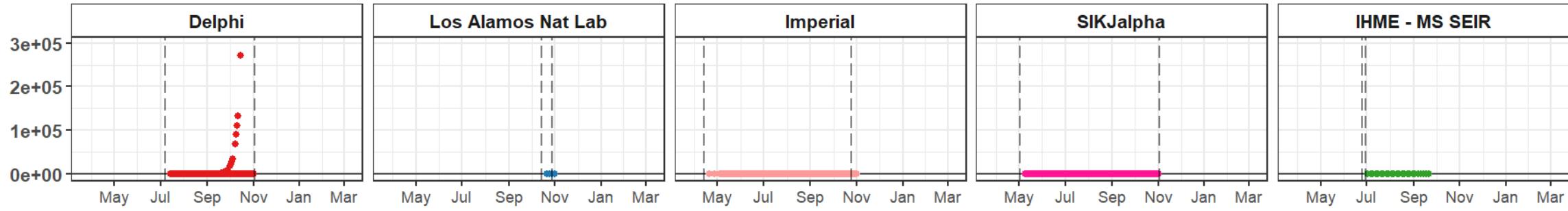
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



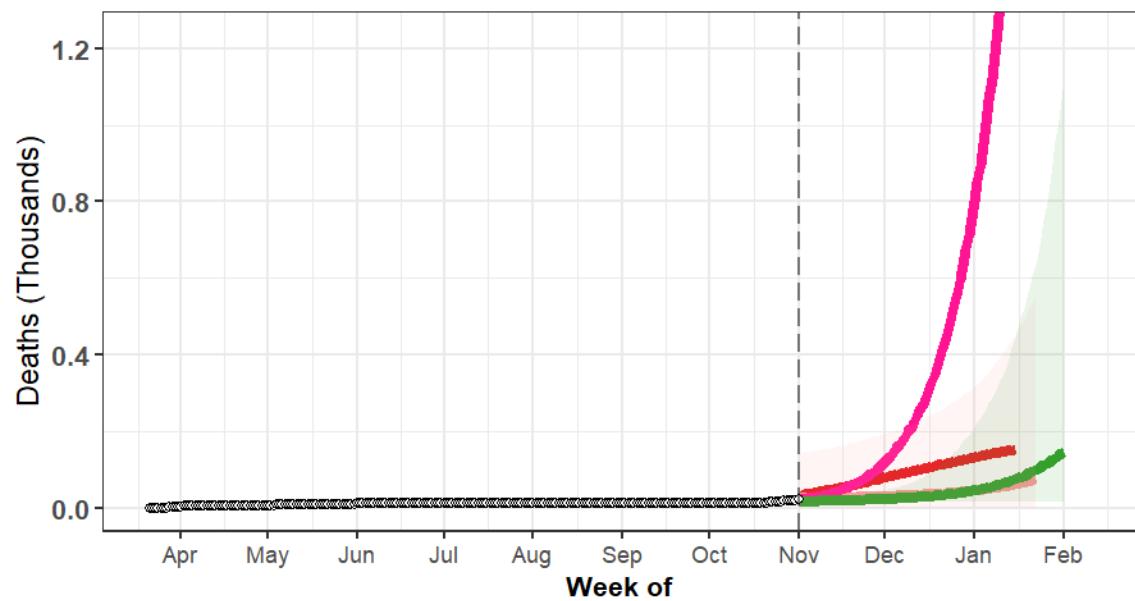
## All Cumulative Errors



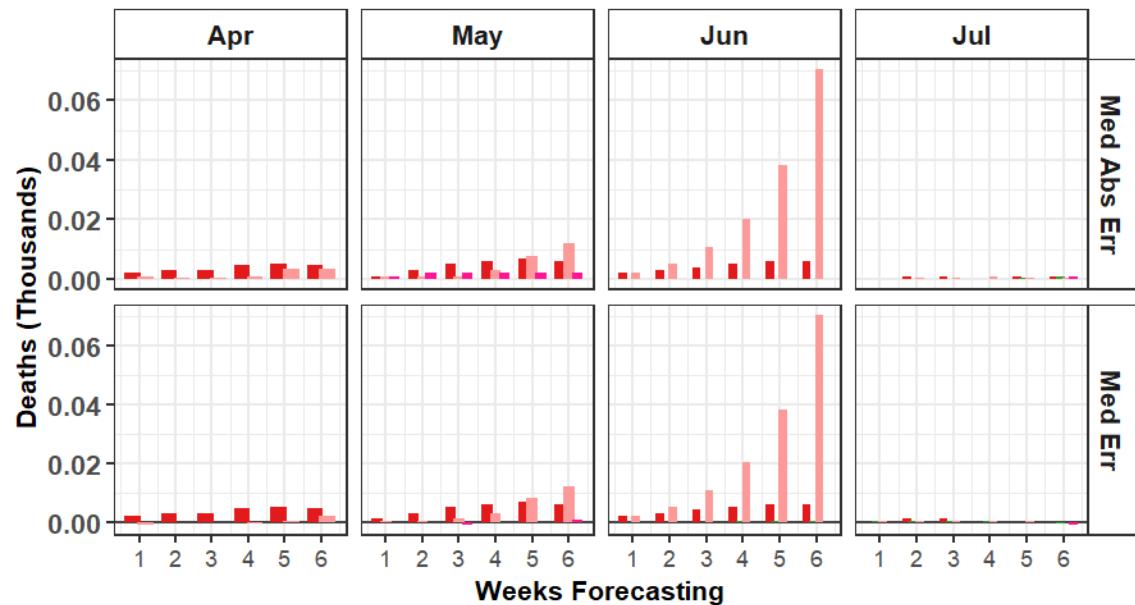
# Sri Lanka

## Current Forecast

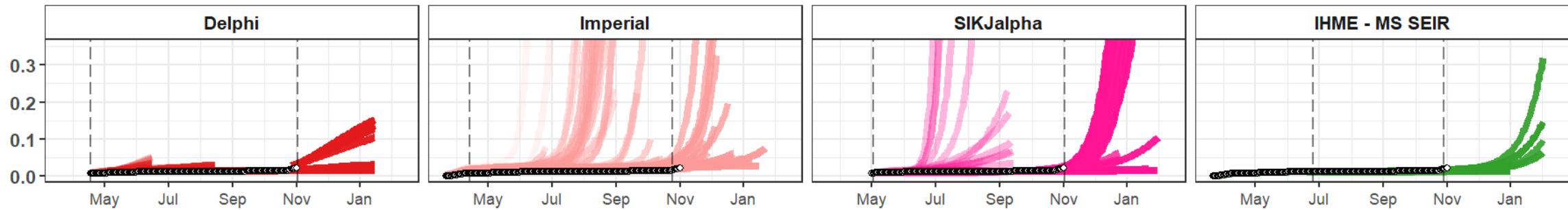
Delphi   Imperial   SIKJalpha   IHME - MS SEIR



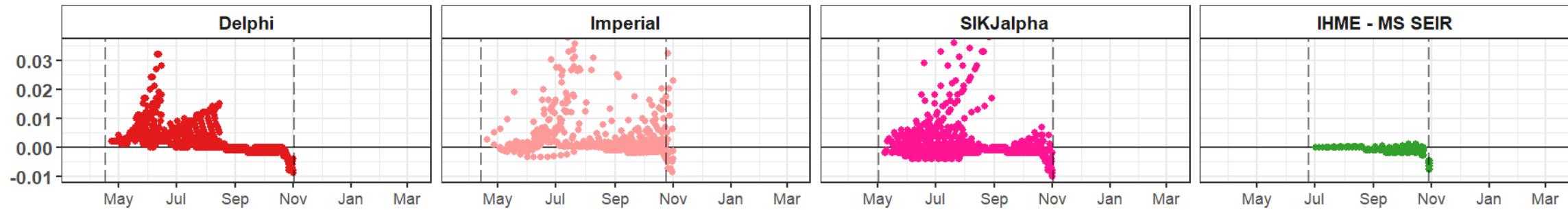
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



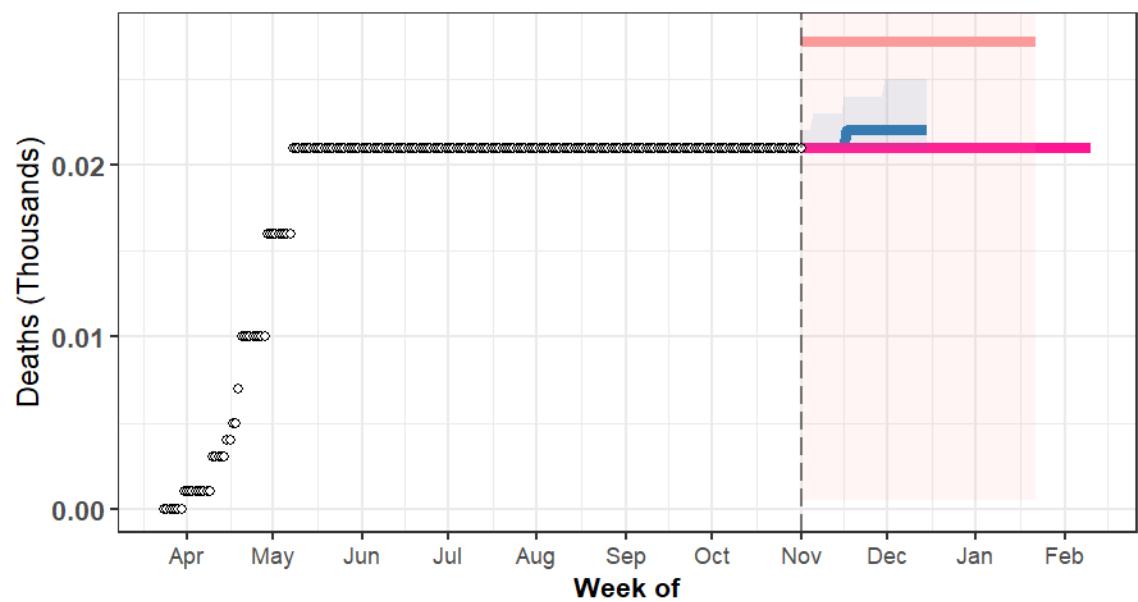
## All Cumulative Errors



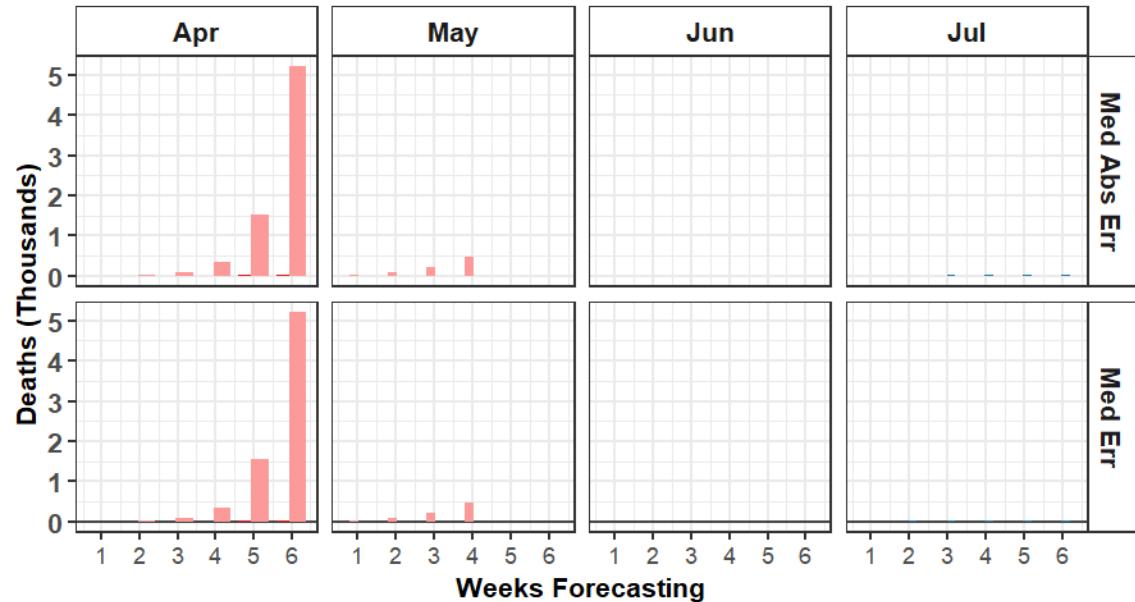
# Tanzania

## Current Forecast

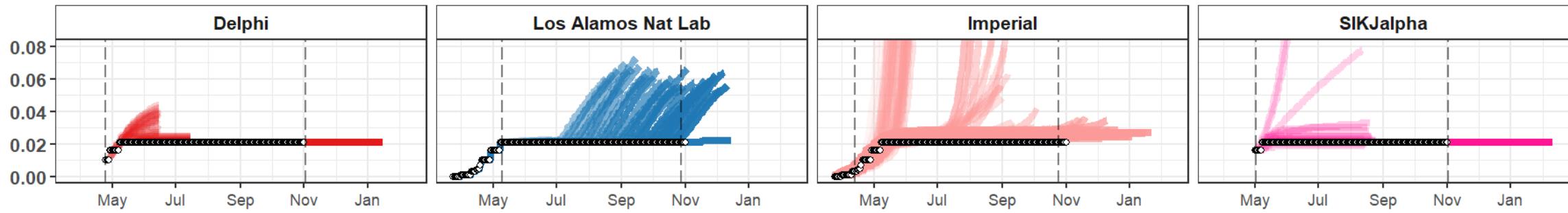
Delphi   Los Alamos Nat Lab   Imperial   SIKJalpha



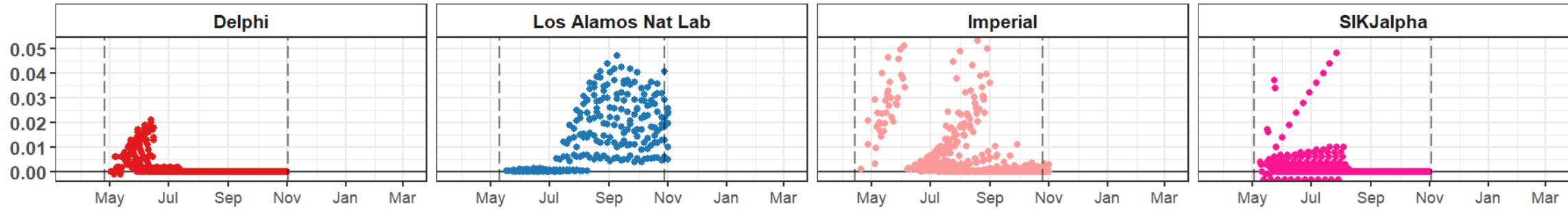
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



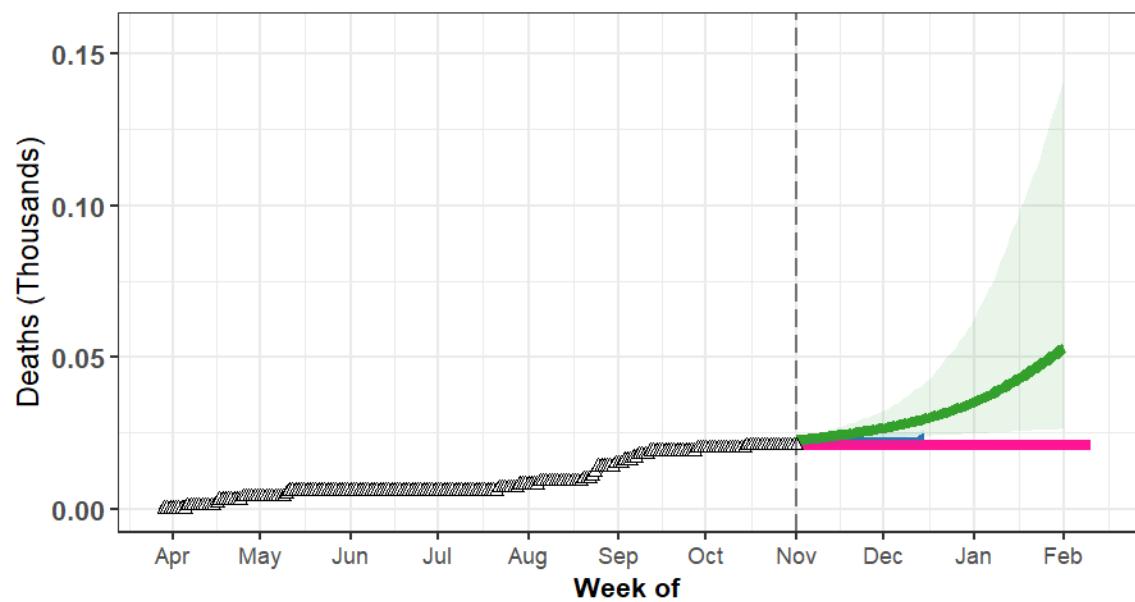
## All Cumulative Errors



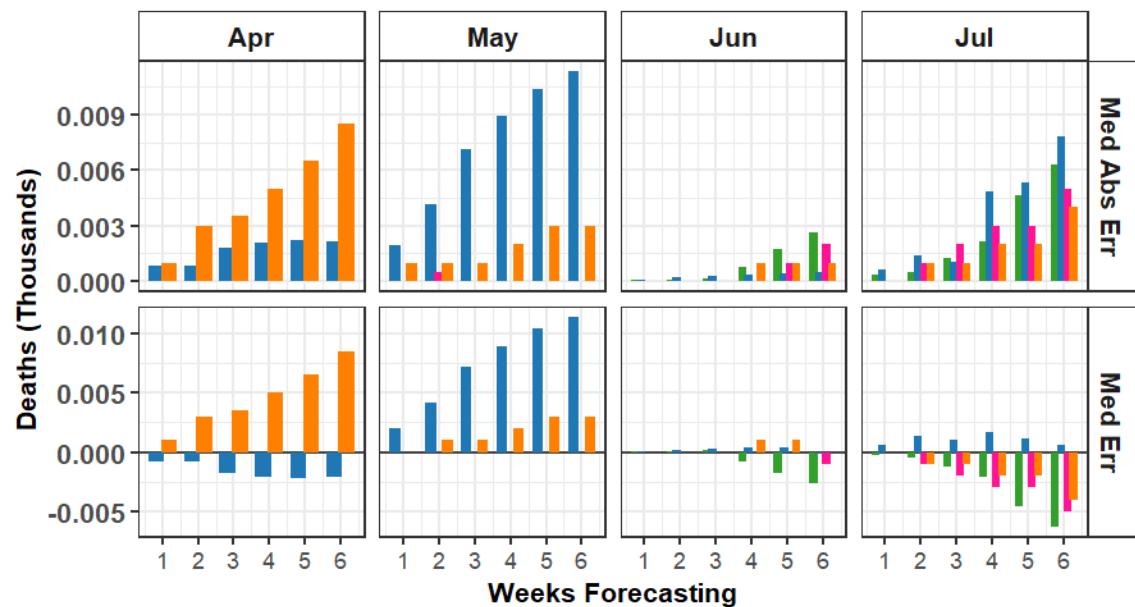
# Virgin Islands, U.S.

## Current Forecast

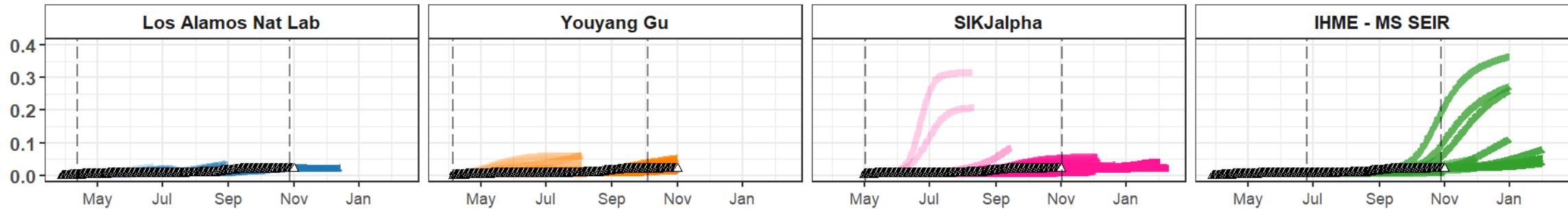
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR



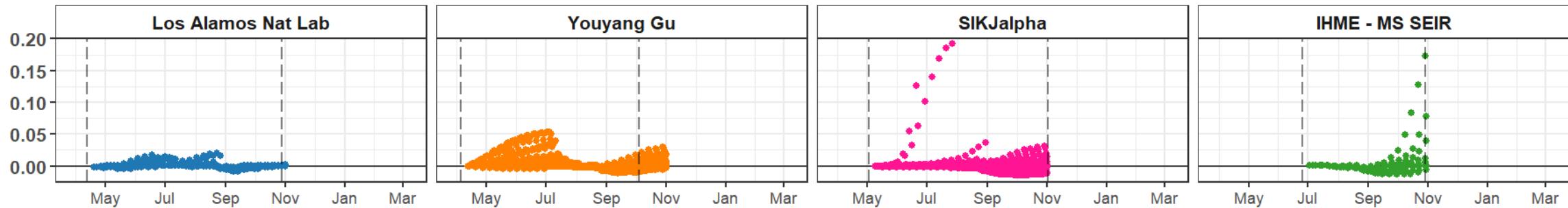
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



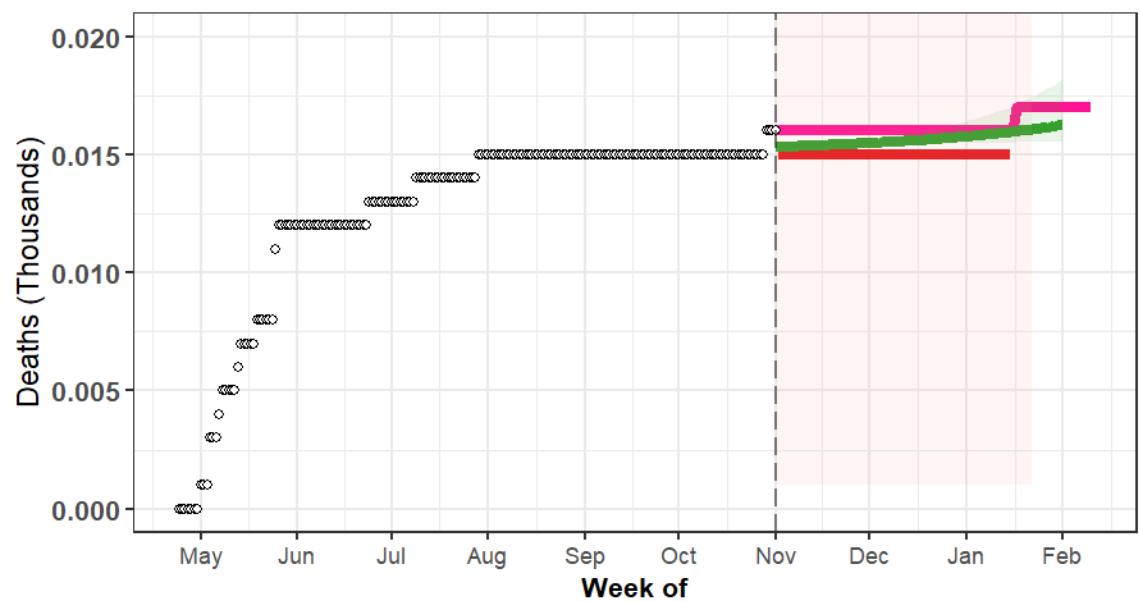
## All Cumulative Errors



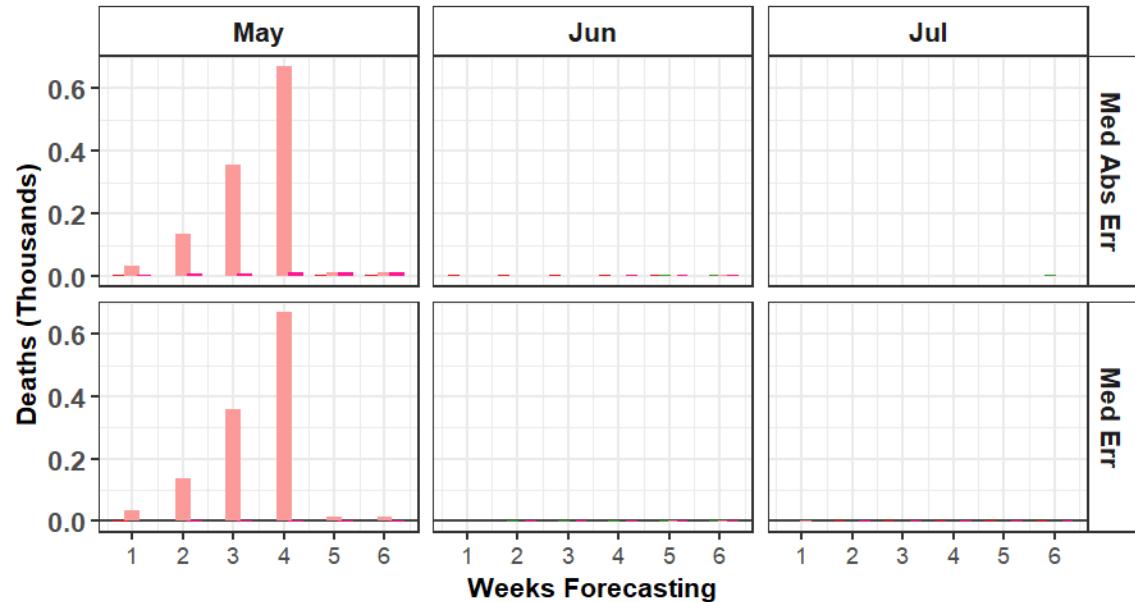
# Sao Tome and Principe

## Current Forecast

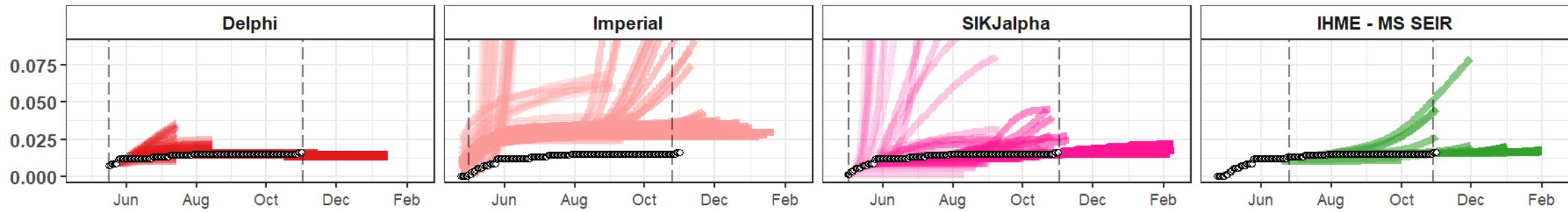
Delphi   Imperial   SIKJalpha   IHME - MS SEIR



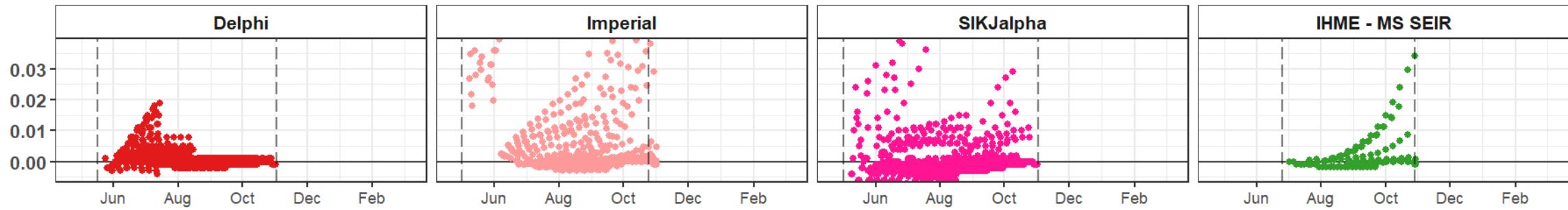
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



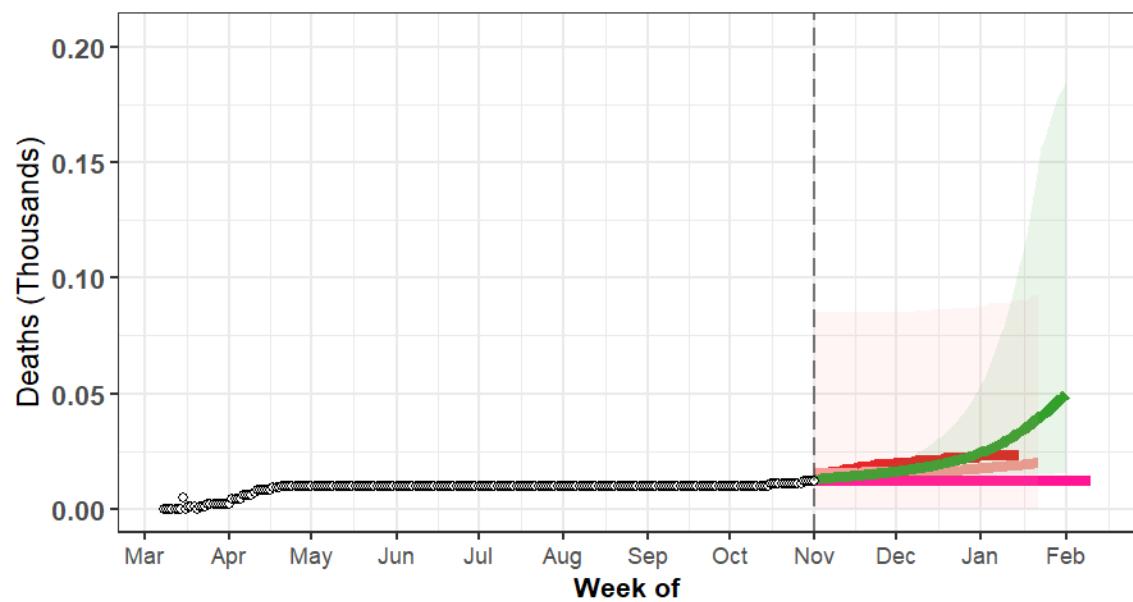
## All Cumulative Errors



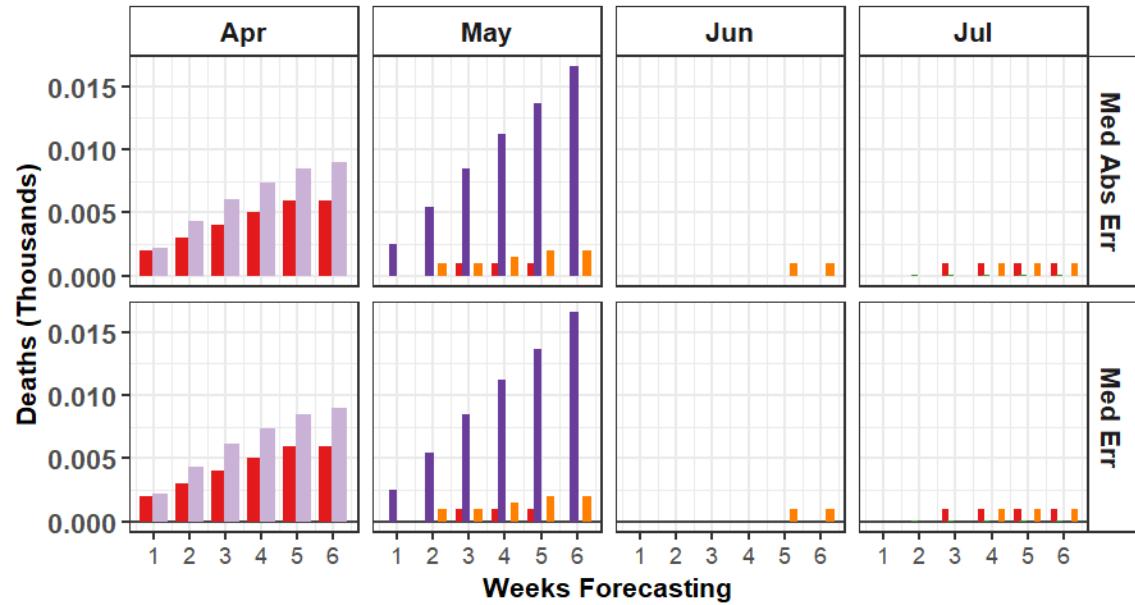
# Iceland

## Current Forecast

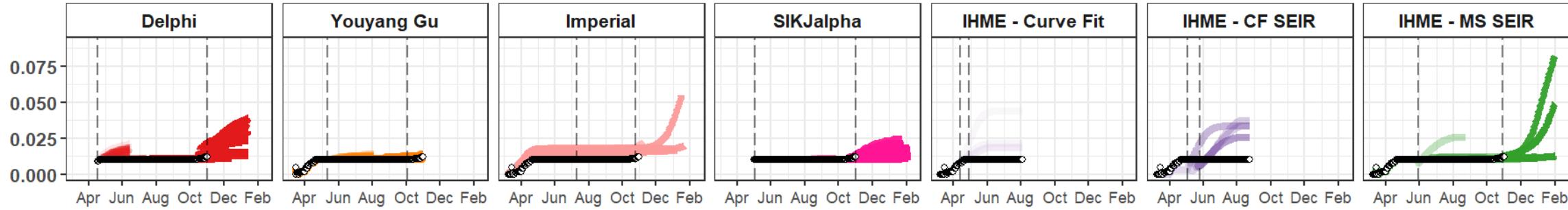
Delphi Youyang Gu Imperial SIKJalpha IHME - MS SEIR



## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



## All Cumulative Errors

