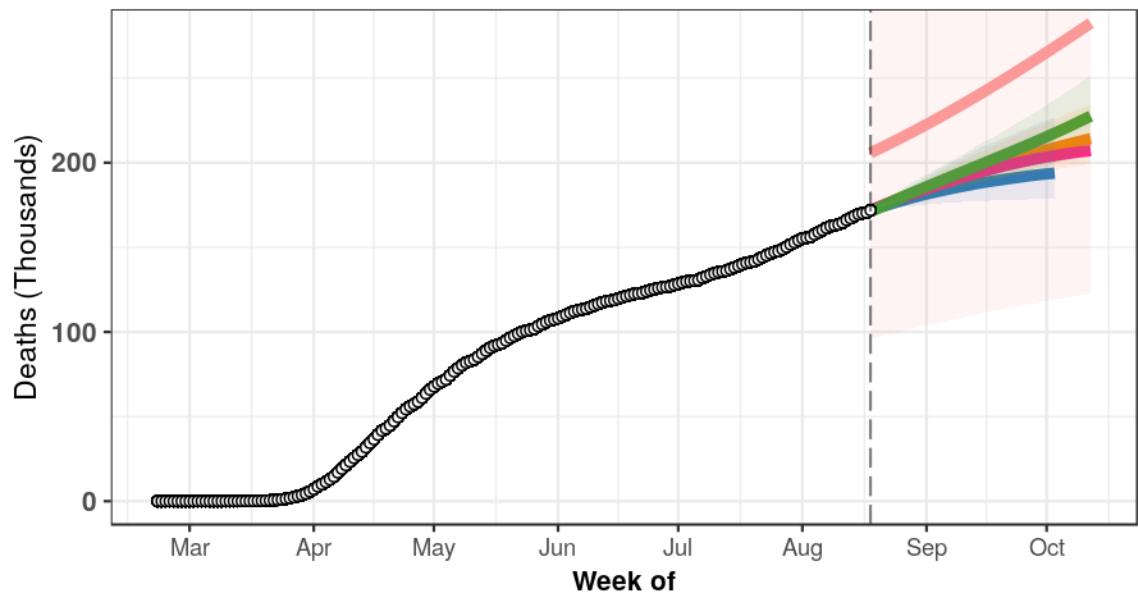


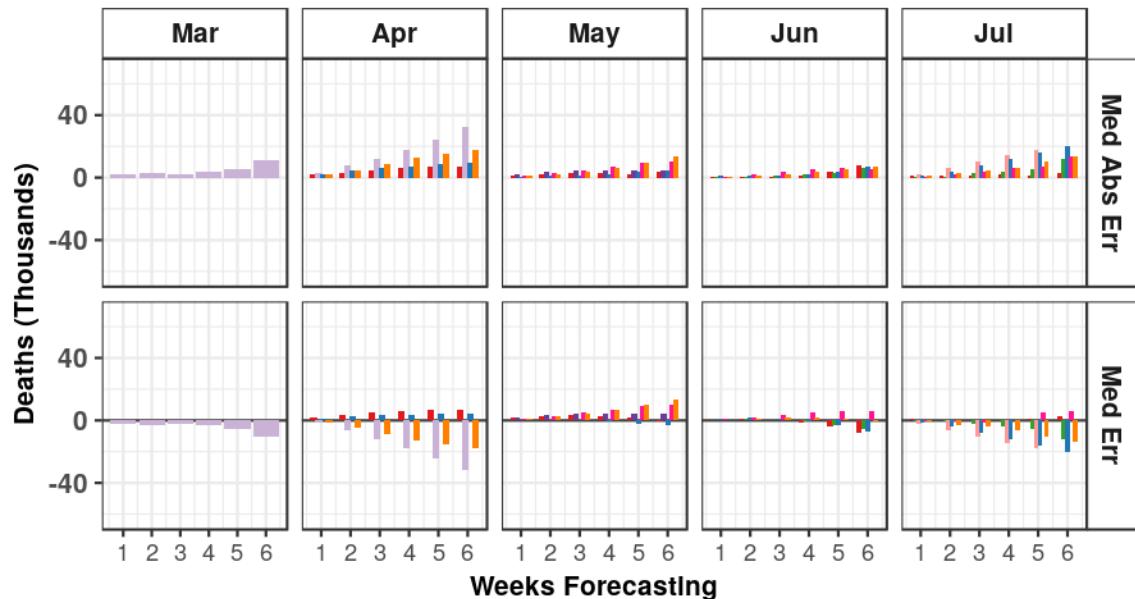
# United States

## Current Forecast

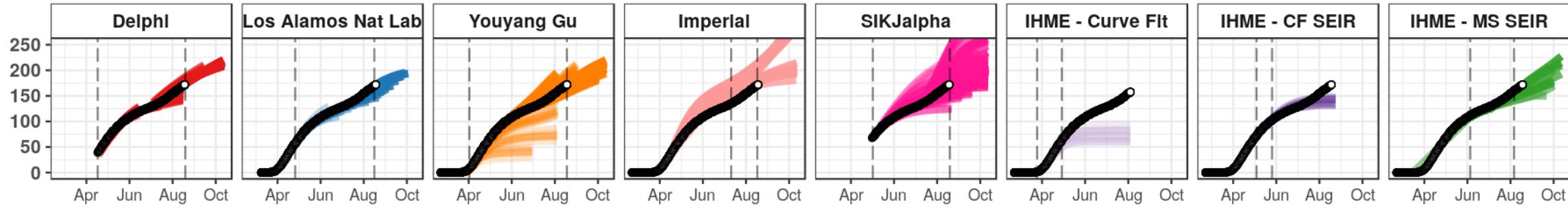
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



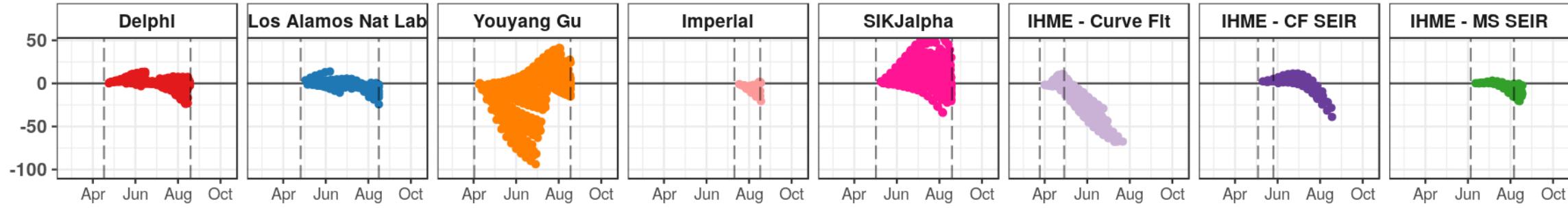
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



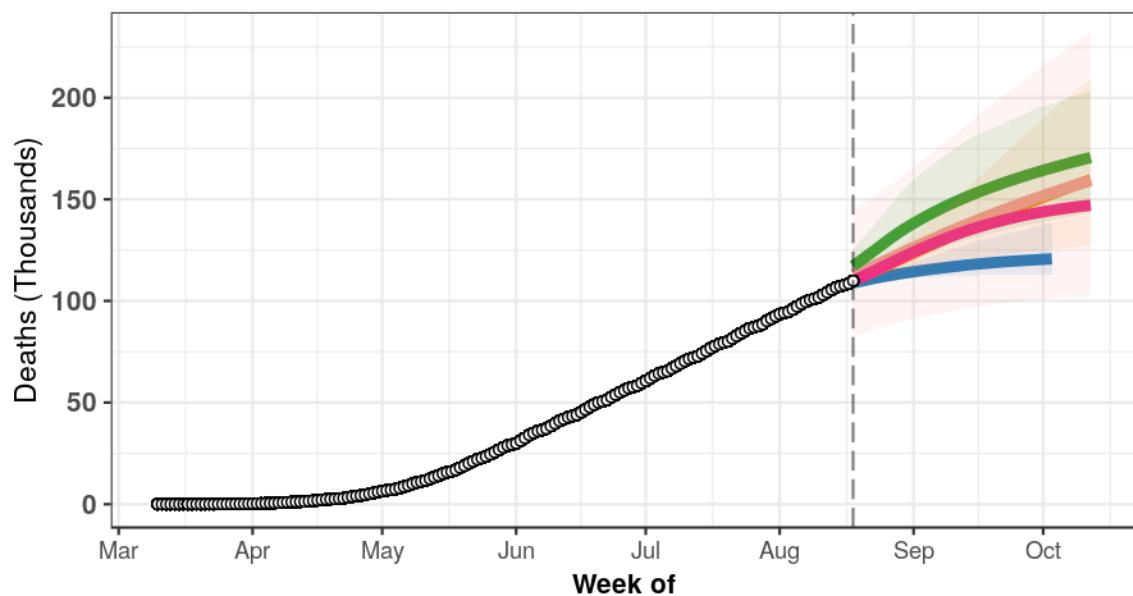
## All Cumulative Errors



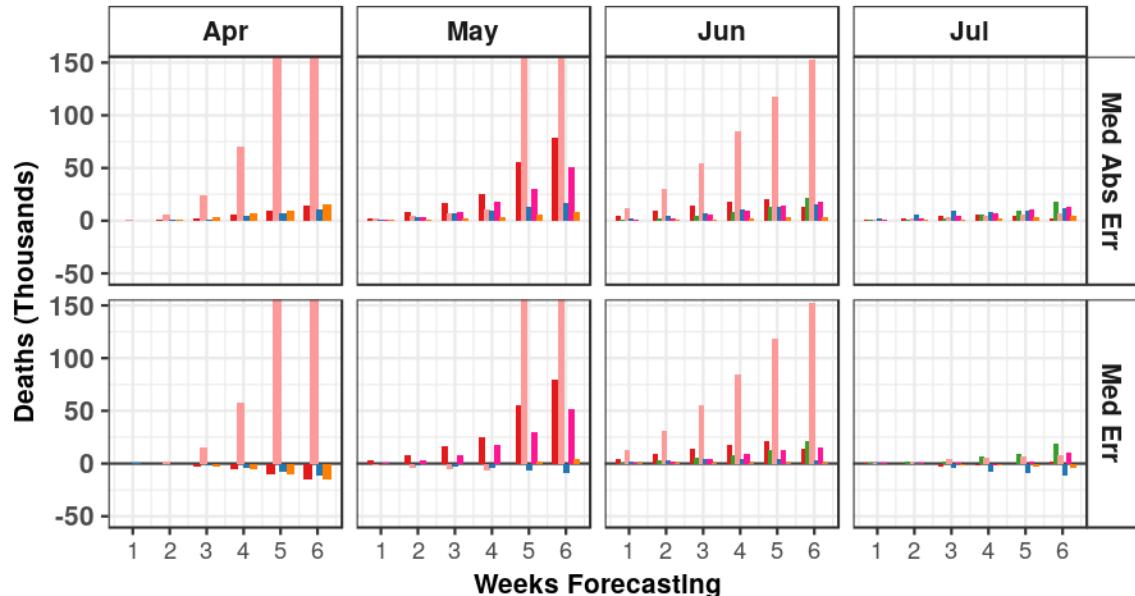
# Brazil

## Current Forecast

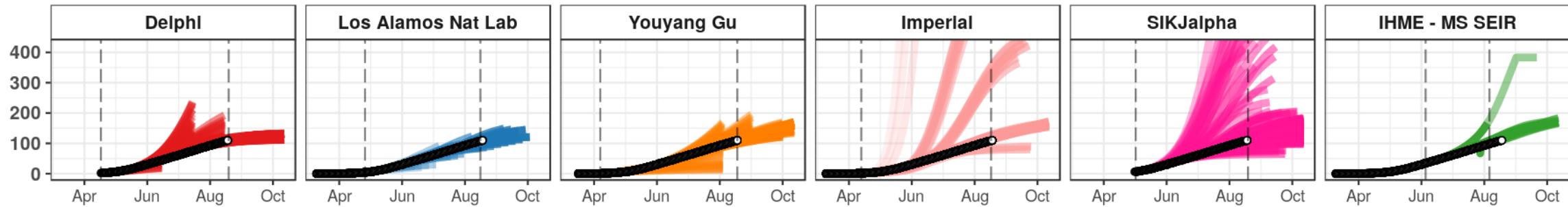
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



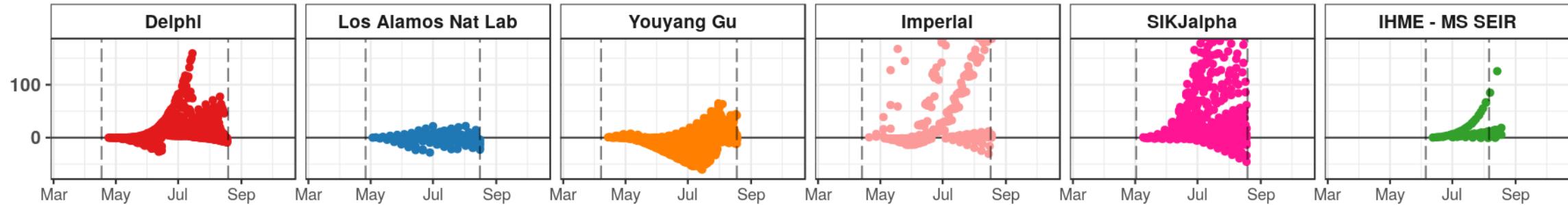
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



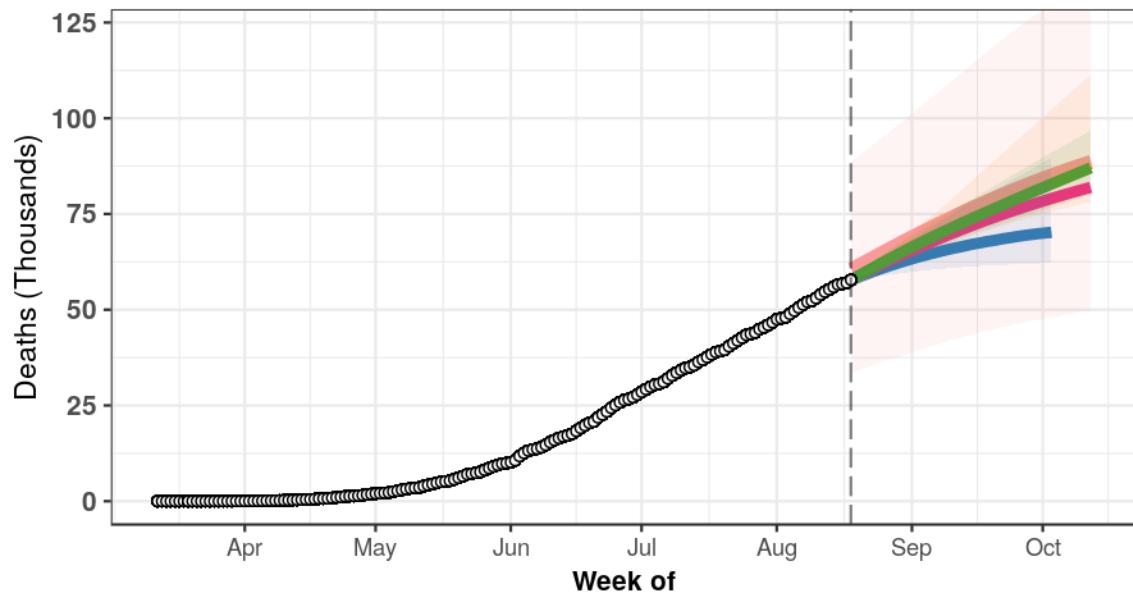
## All Cumulative Errors



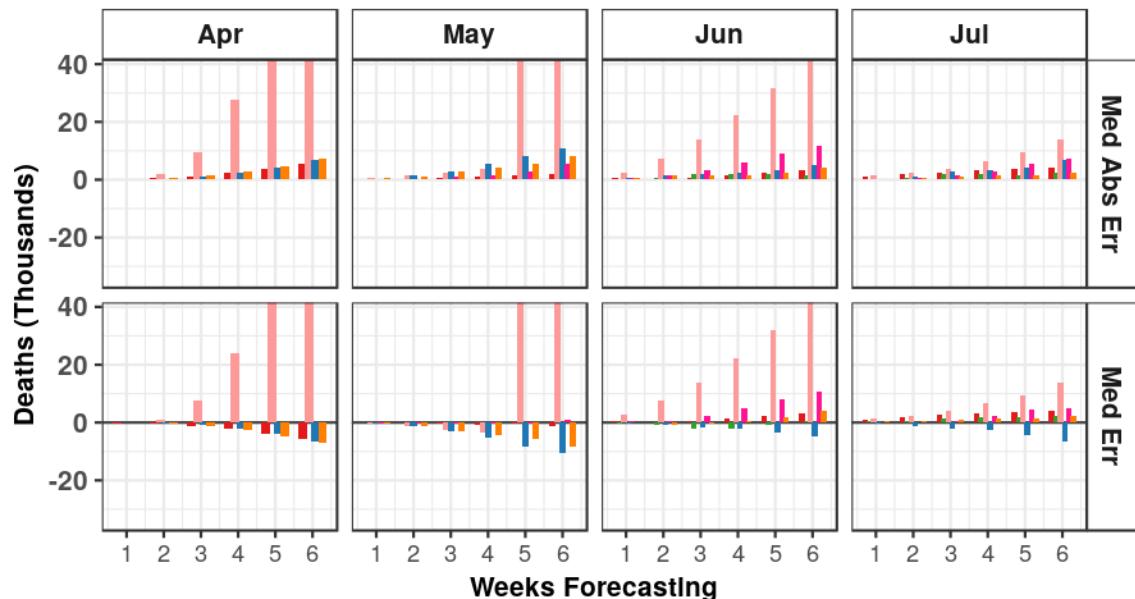
# Mexico

## Current Forecast

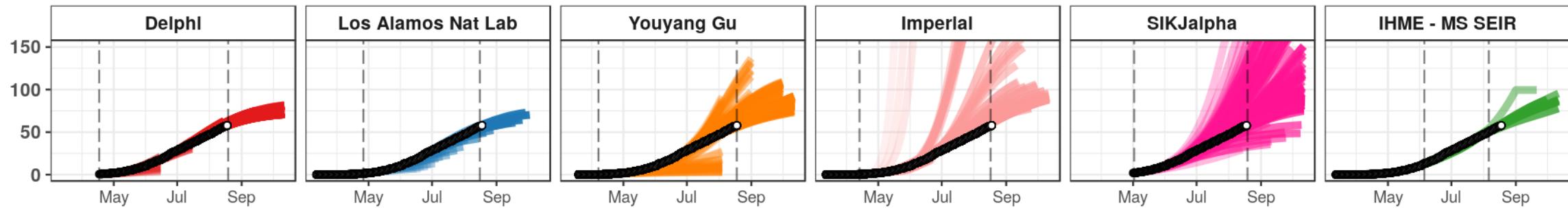
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



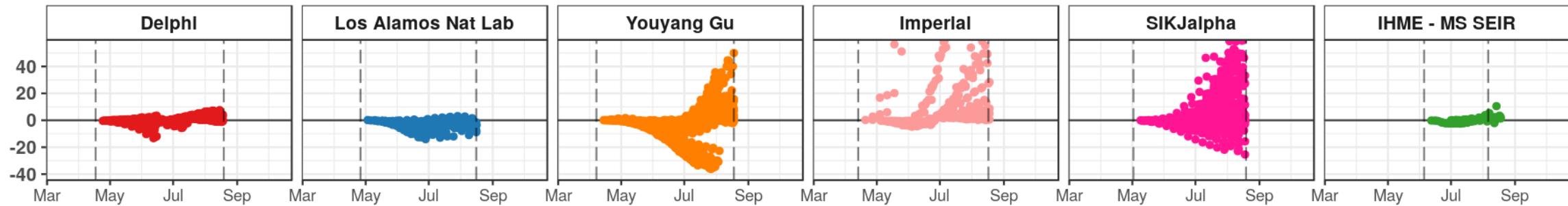
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



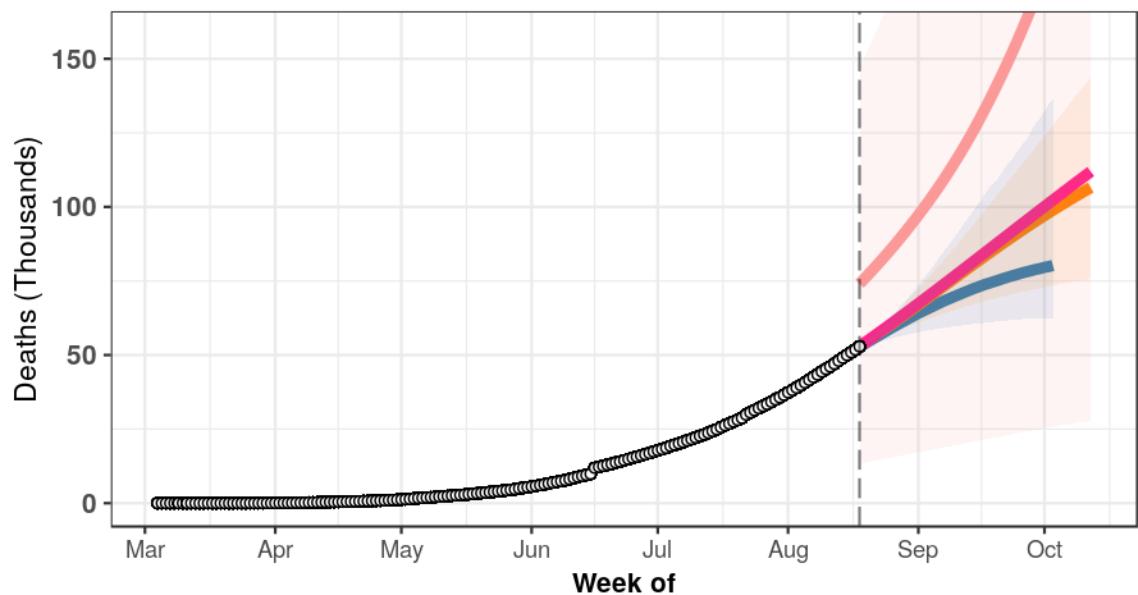
## All Cumulative Errors



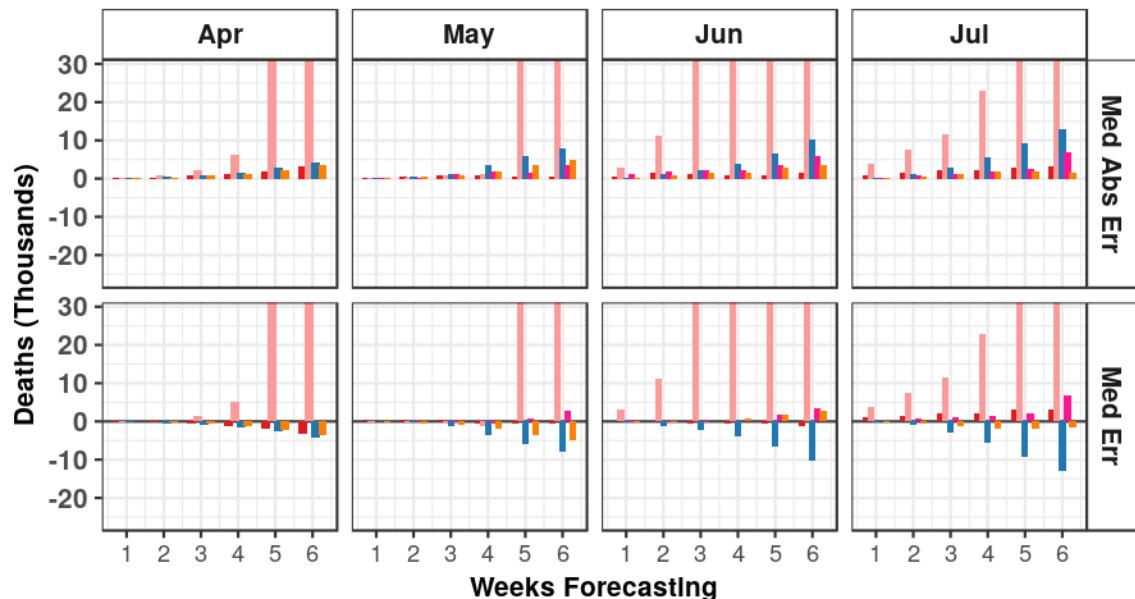
# India

## Current Forecast

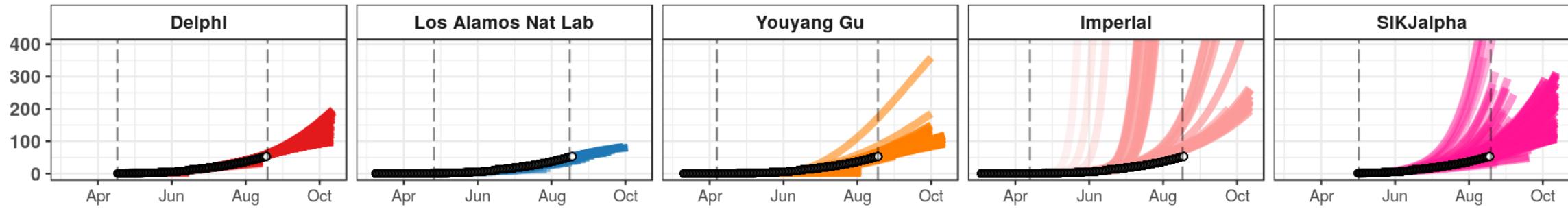
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha



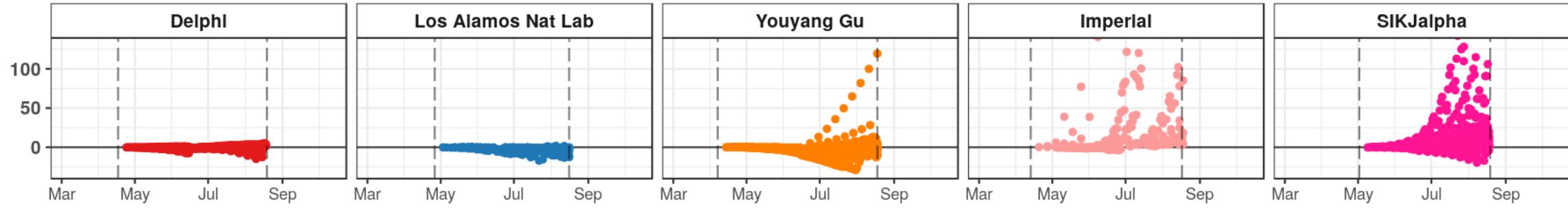
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

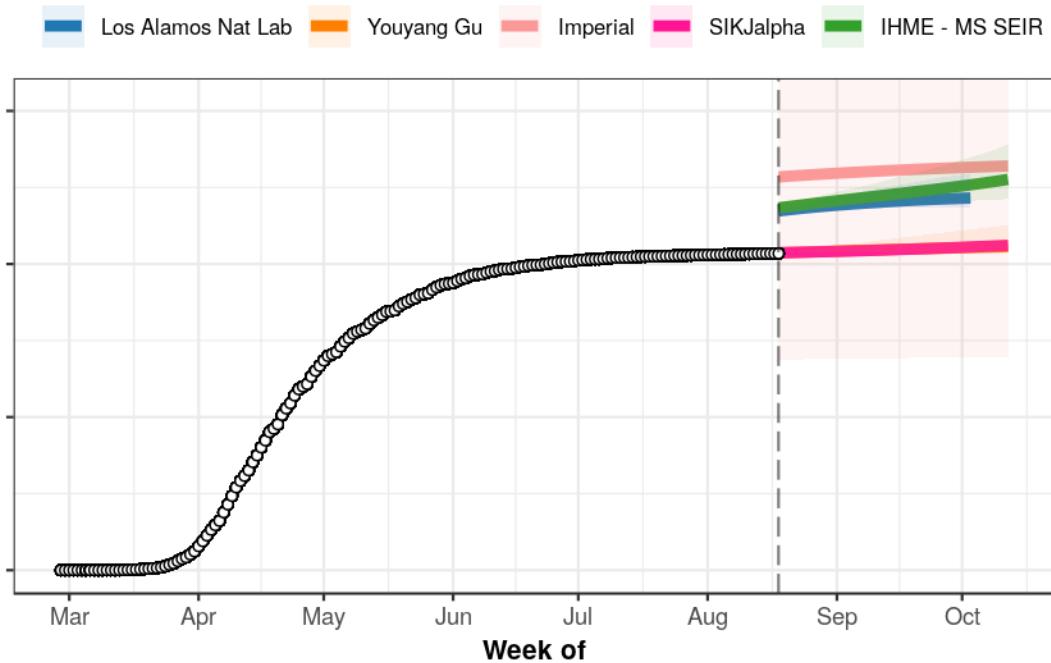


## All Cumulative Errors

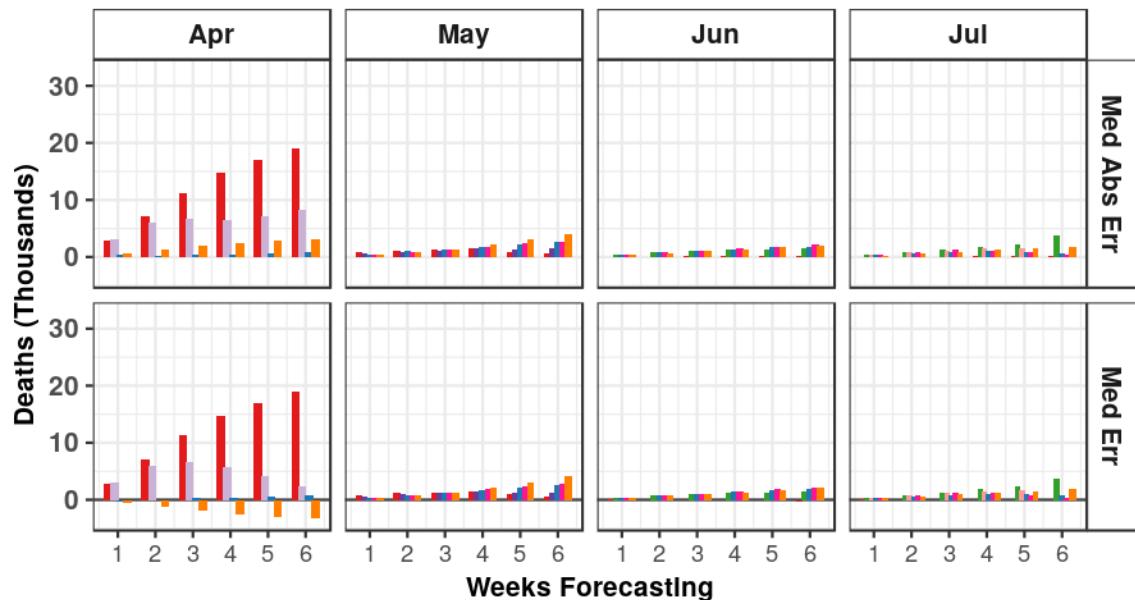


# United Kingdom

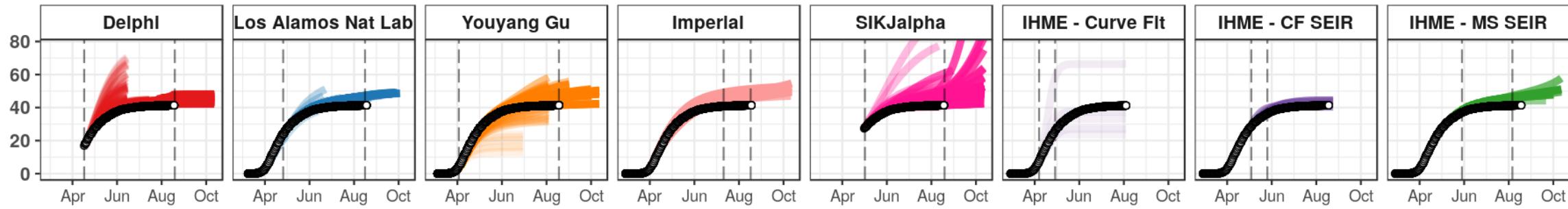
## Current Forecast



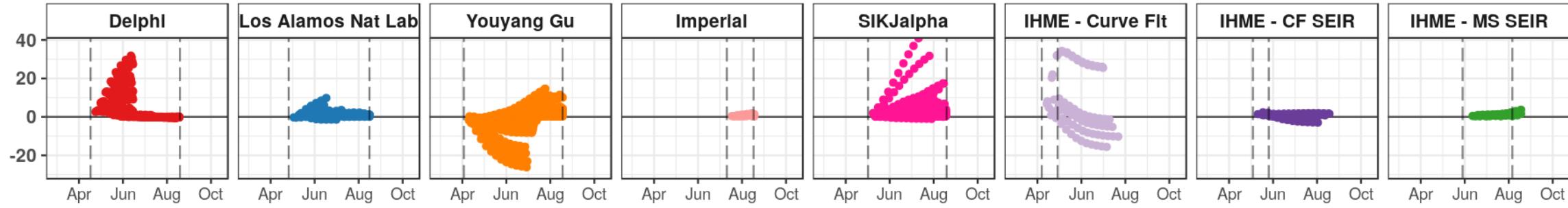
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

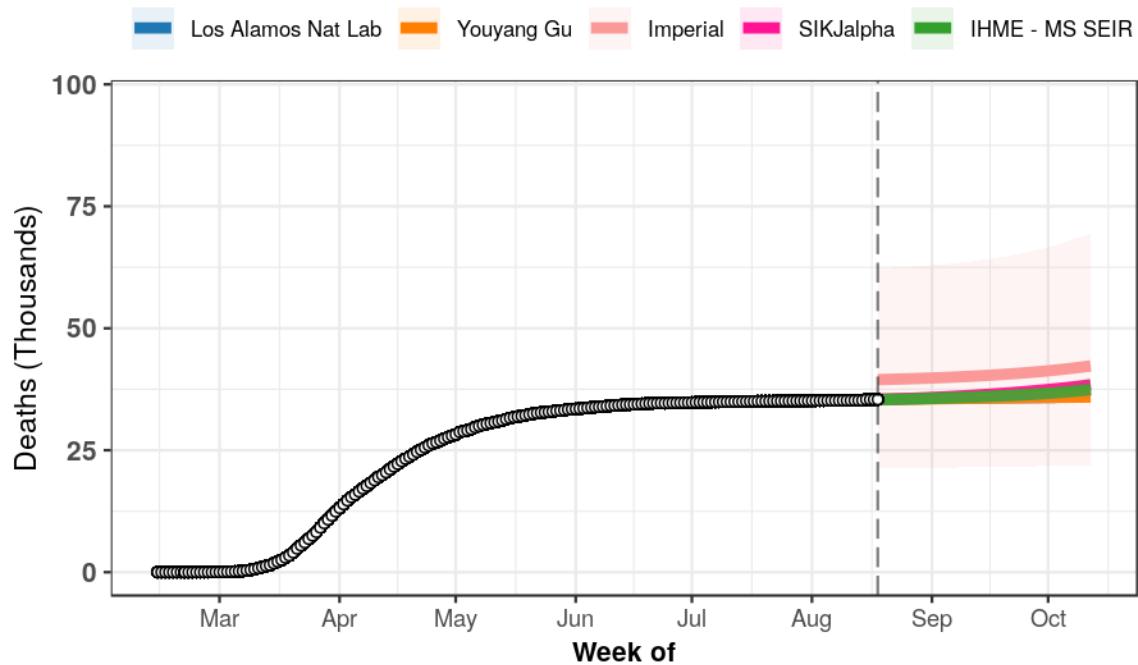


## All Cumulative Errors

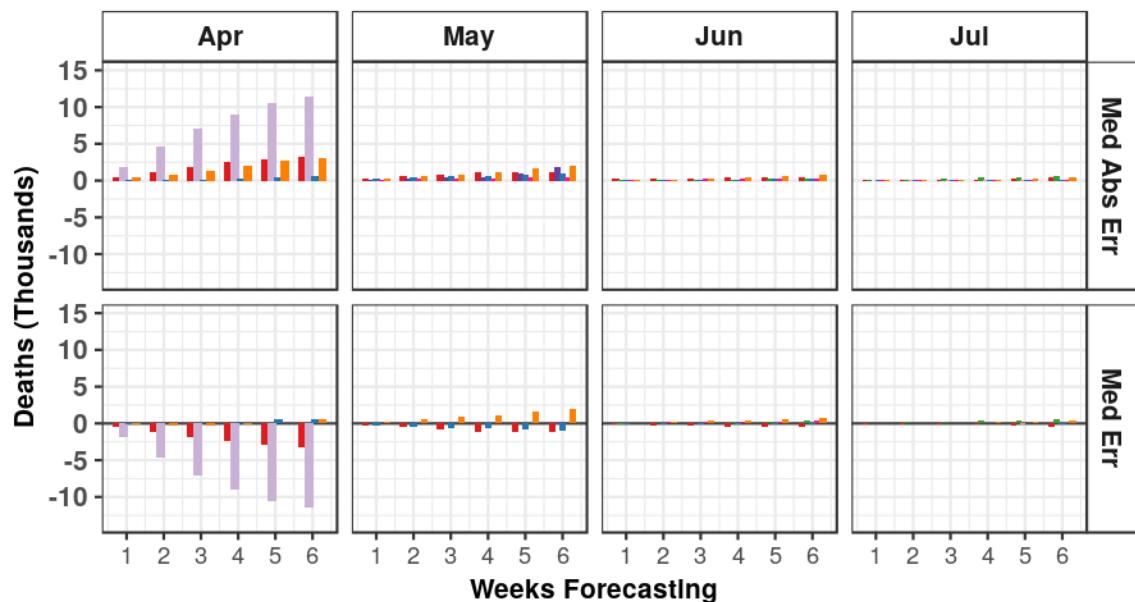


# Italy

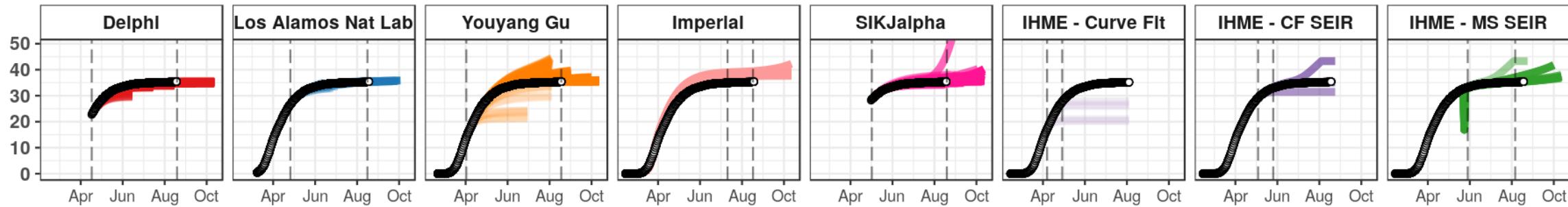
## Current Forecast



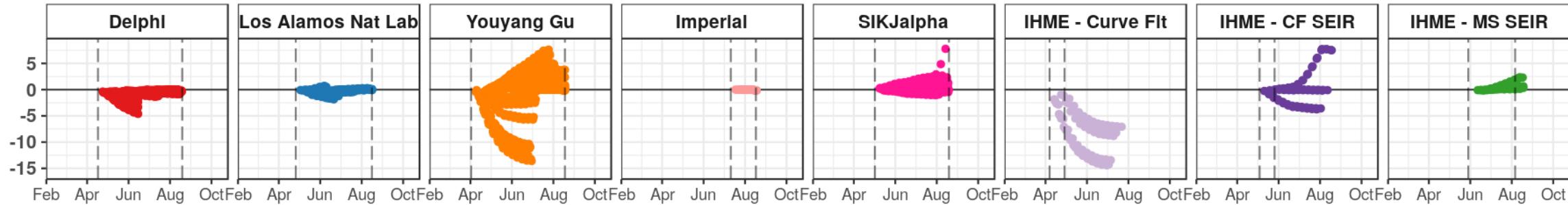
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

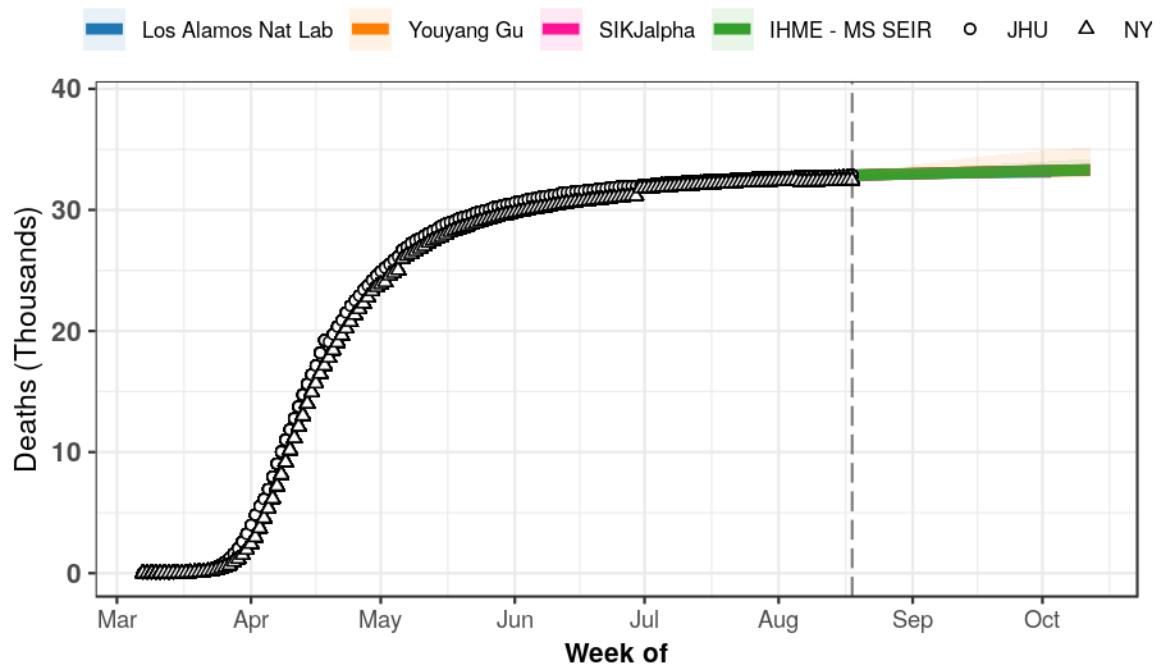


## All Cumulative Errors

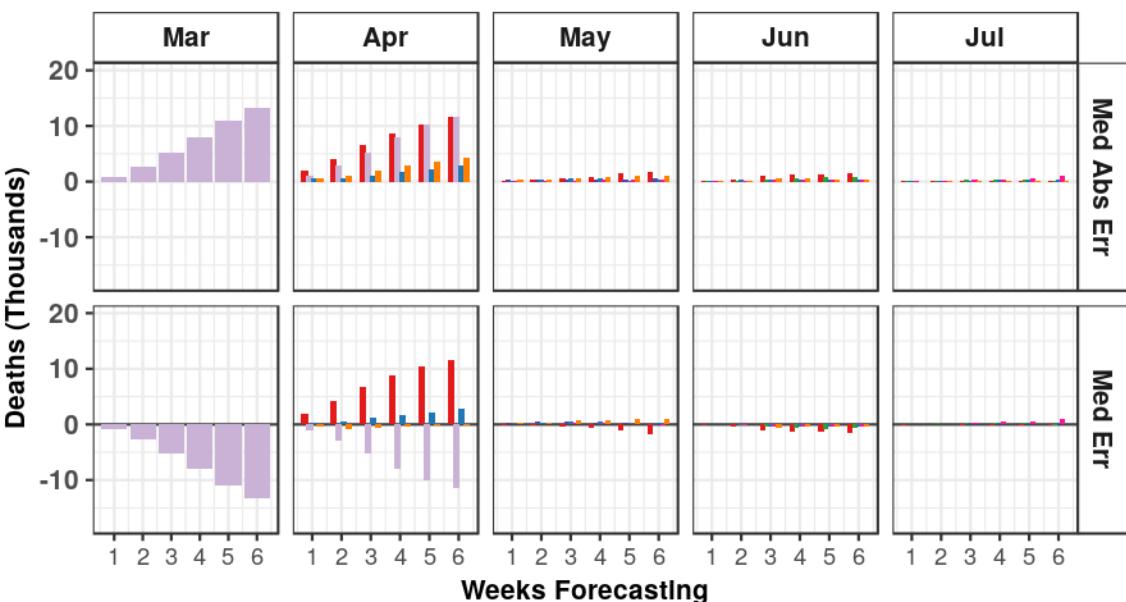


# New York

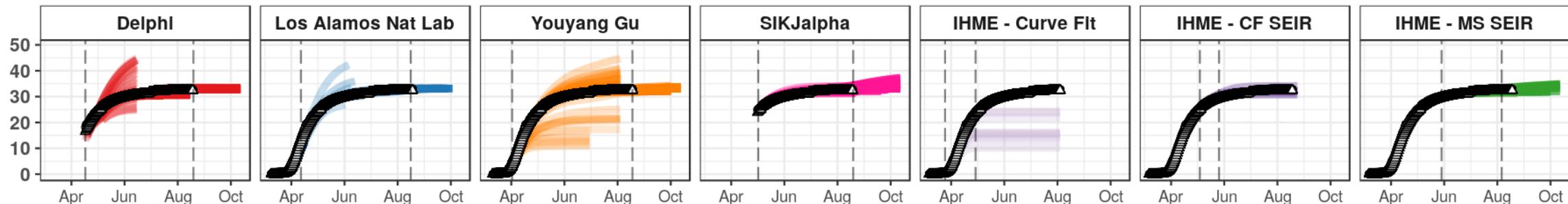
## Current Forecast



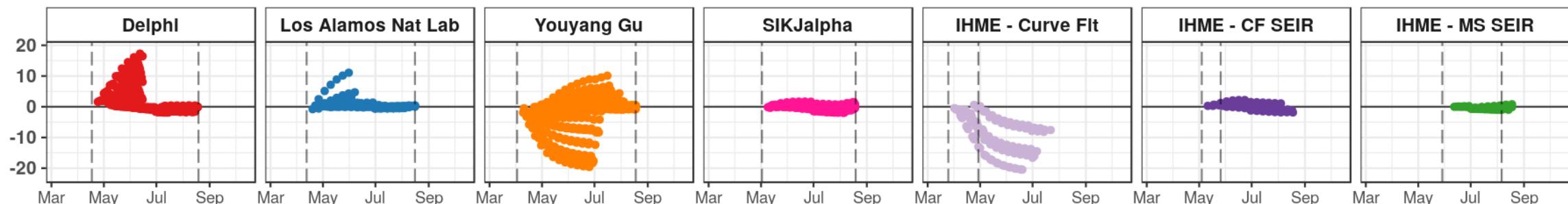
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



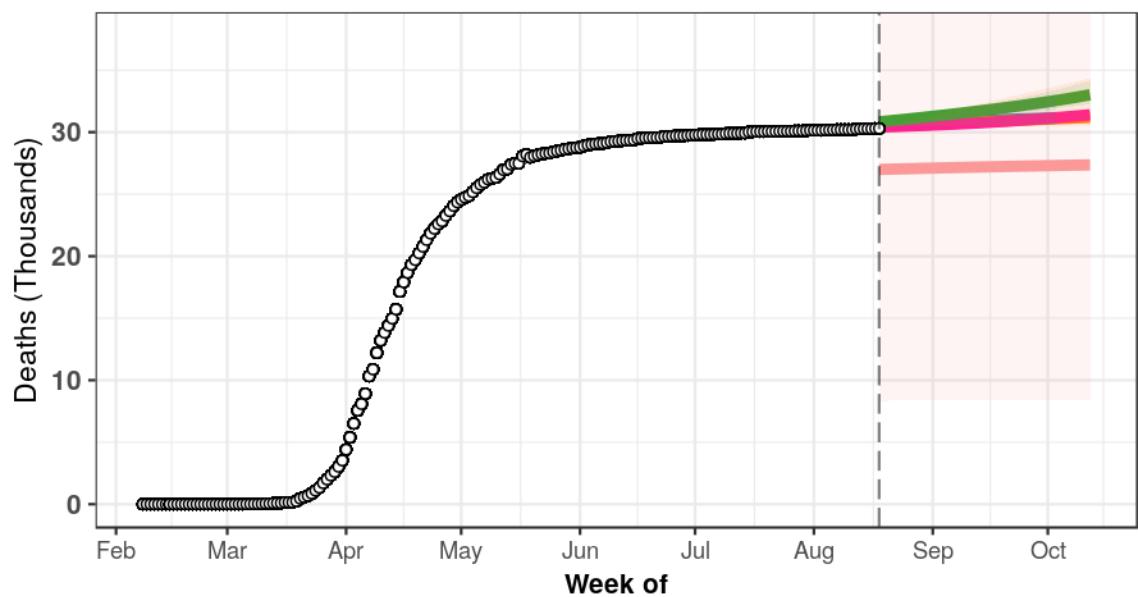
## All Cumulative Errors



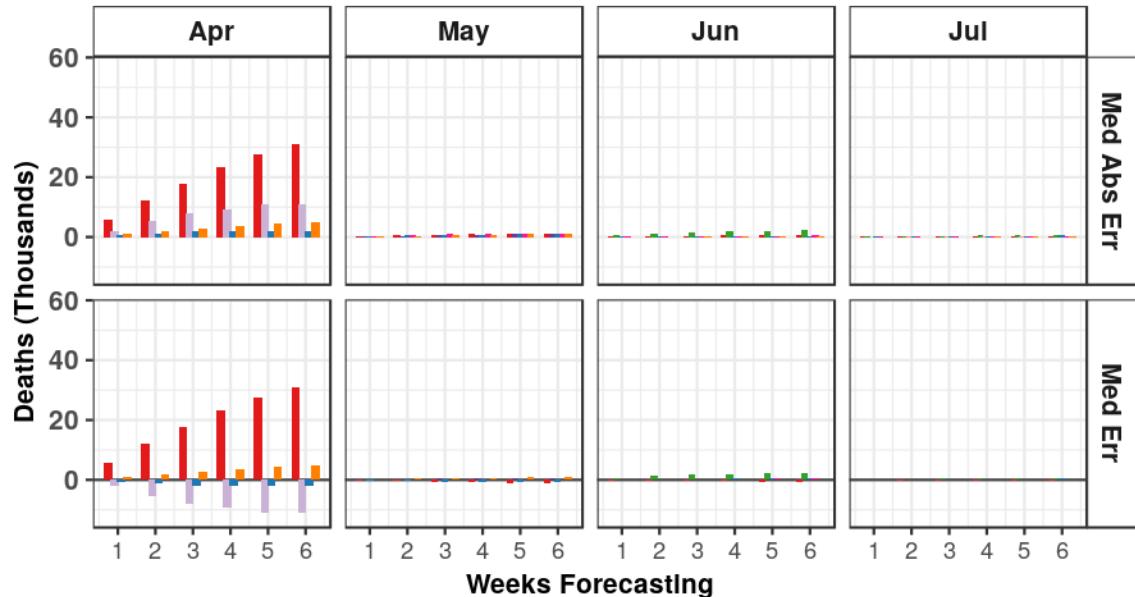
# France

## Current Forecast

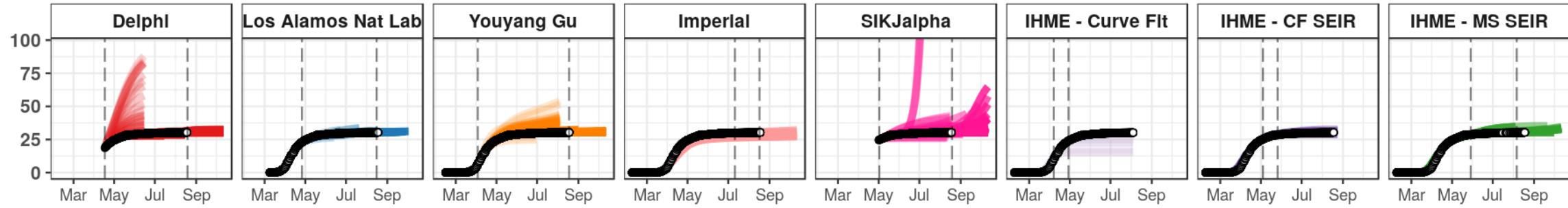
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



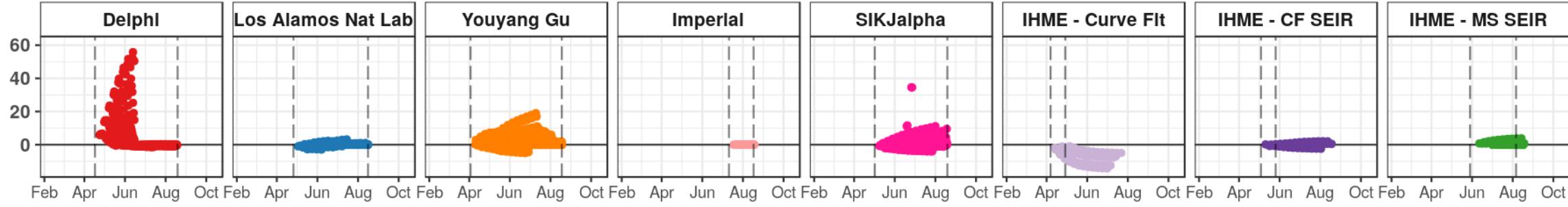
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



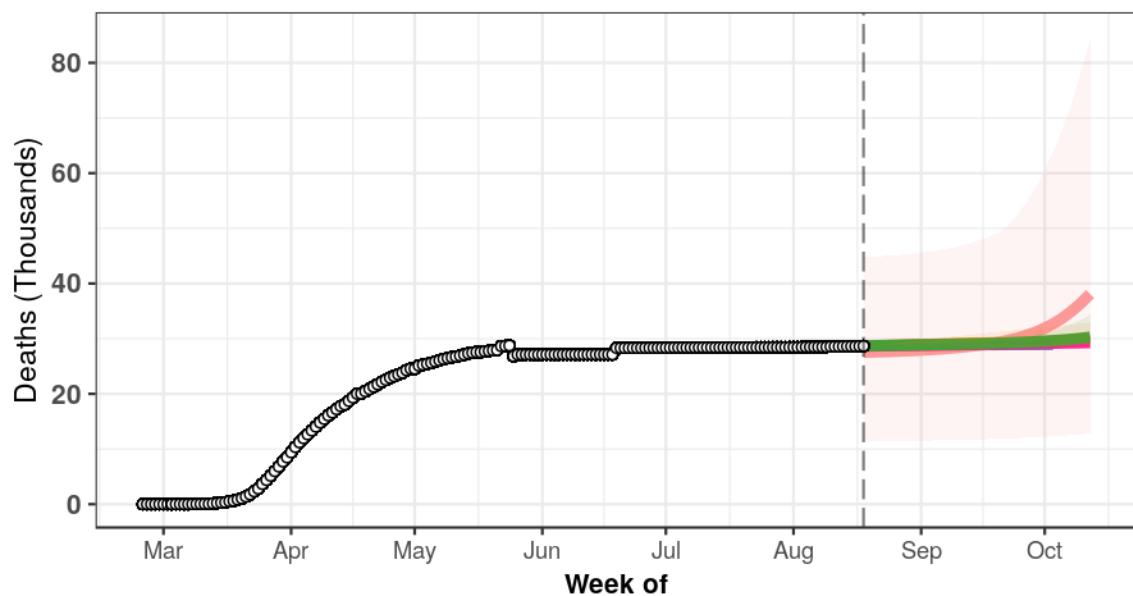
## All Cumulative Errors



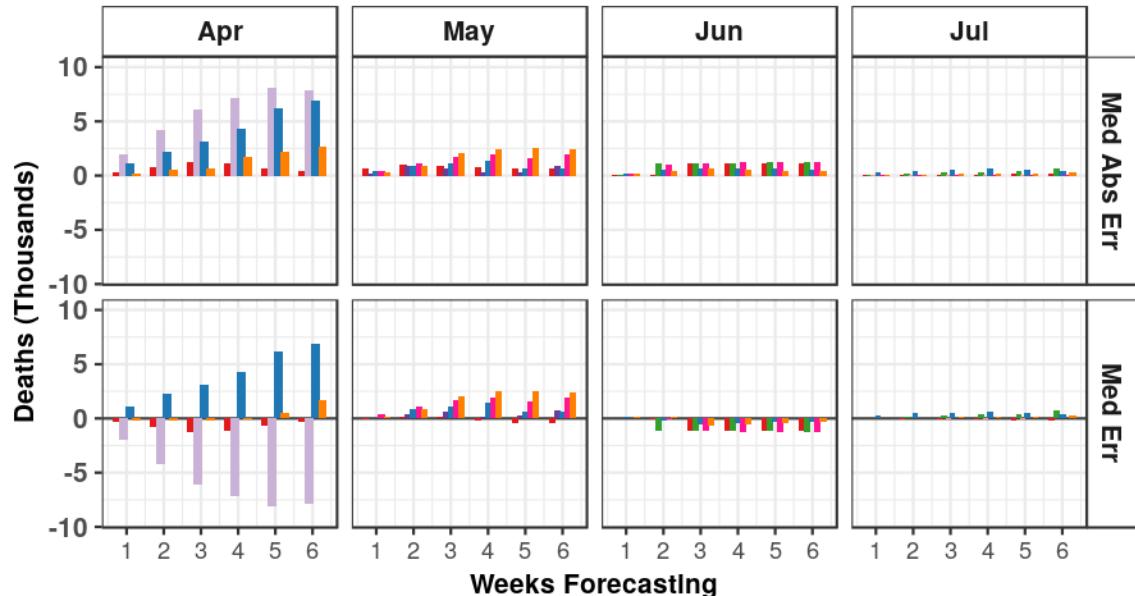
# Spain

## Current Forecast

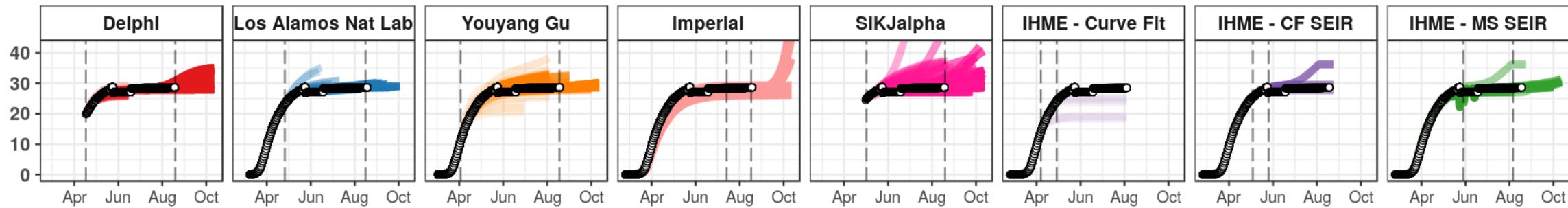
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



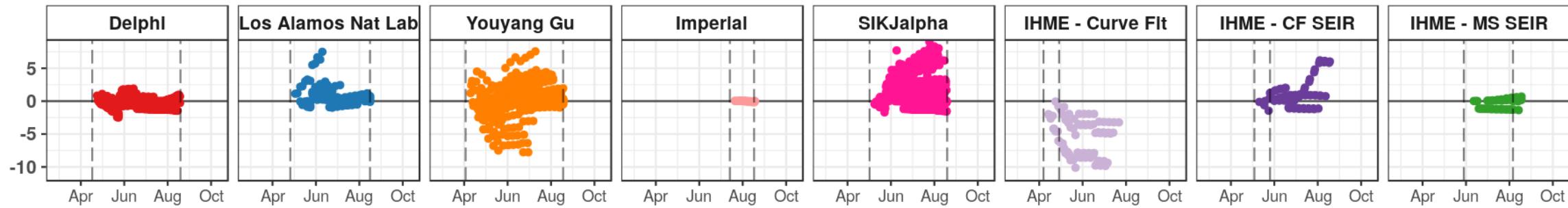
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



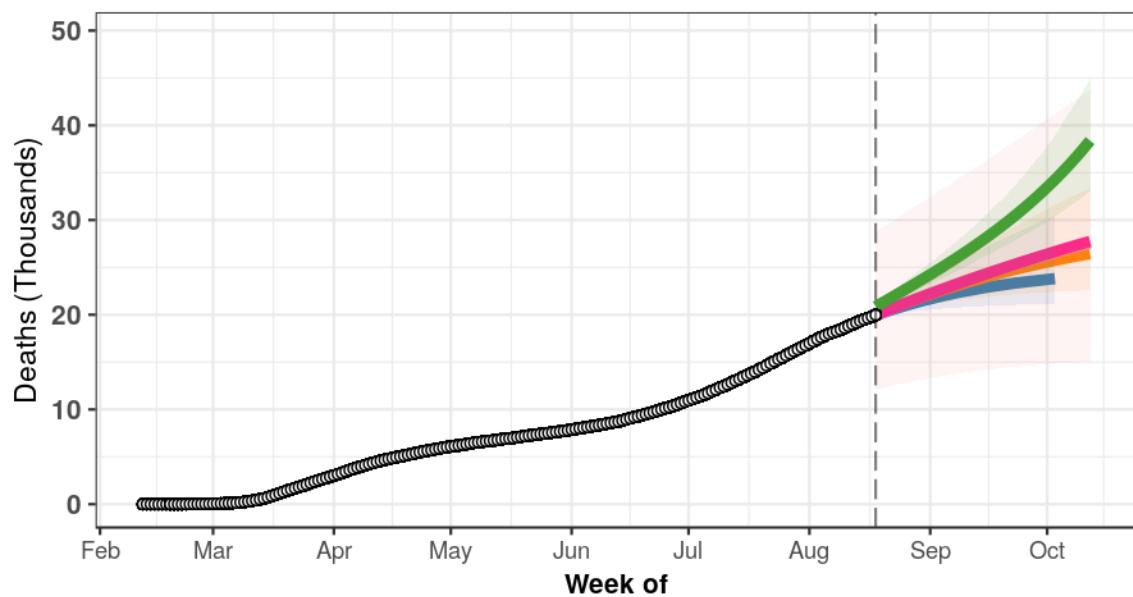
## All Cumulative Errors



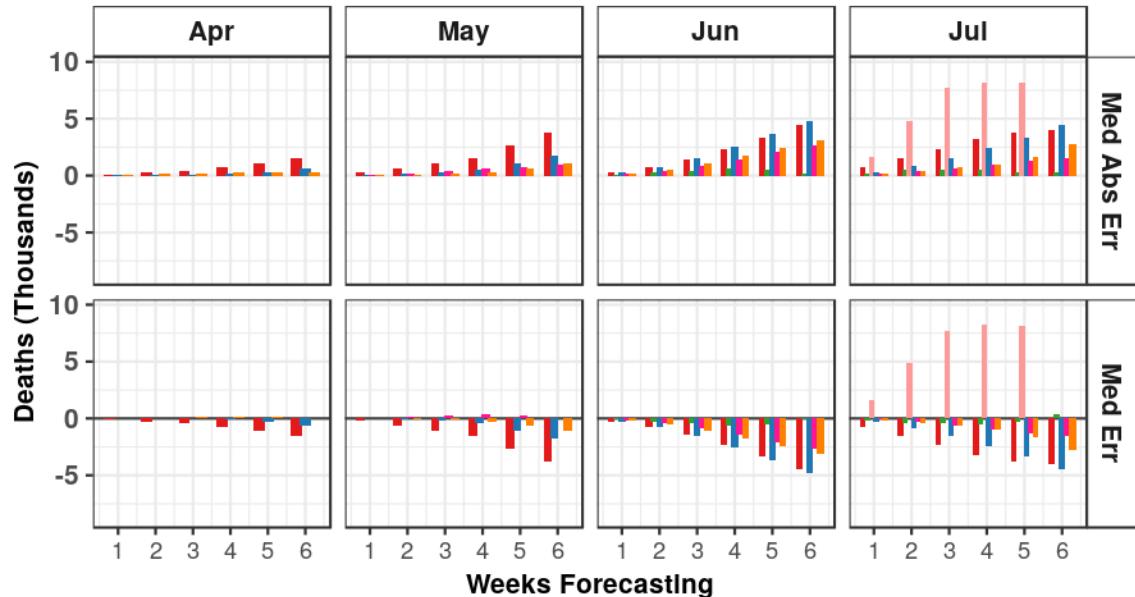
# Iran

## Current Forecast

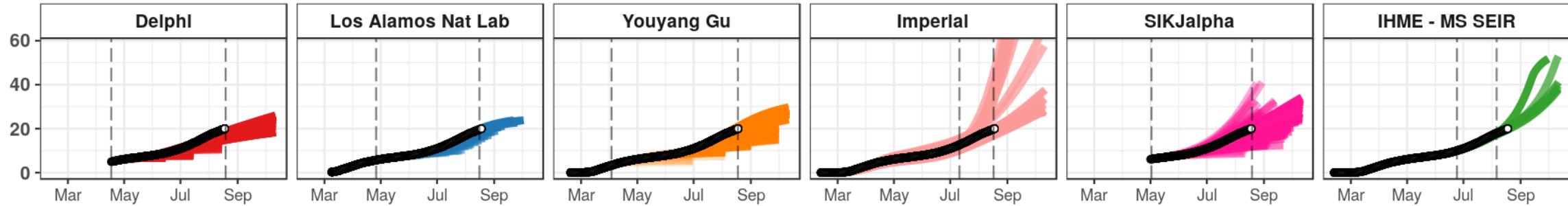
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



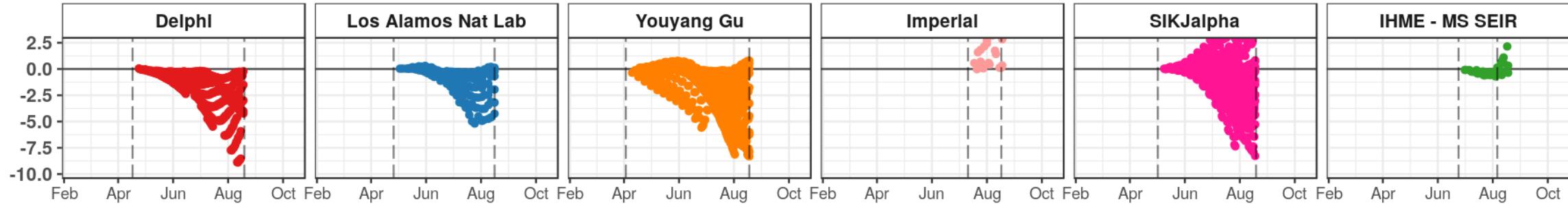
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



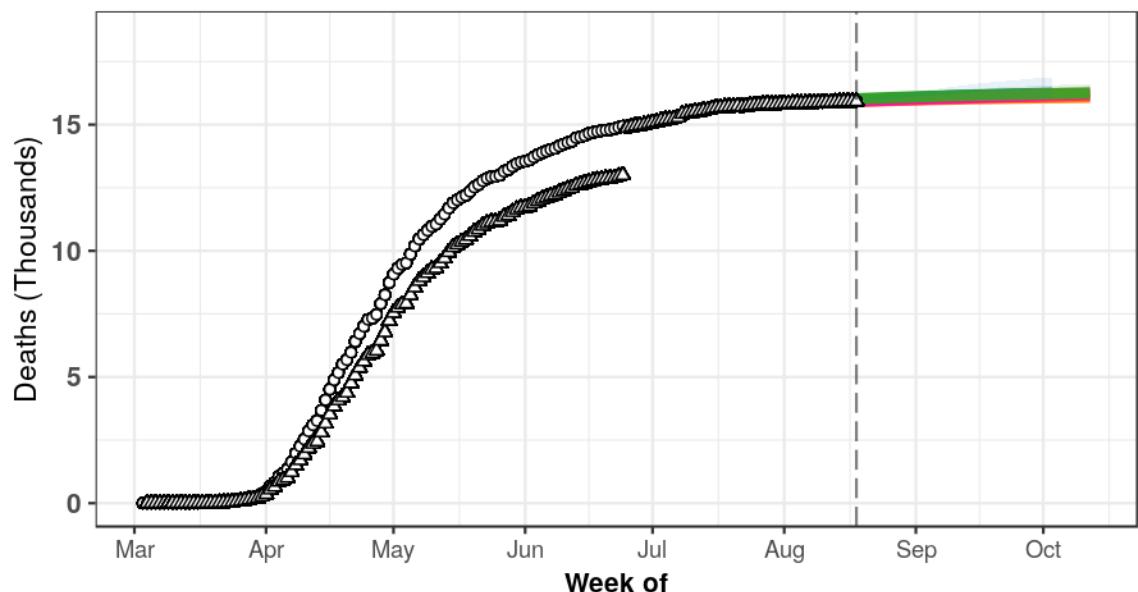
## All Cumulative Errors



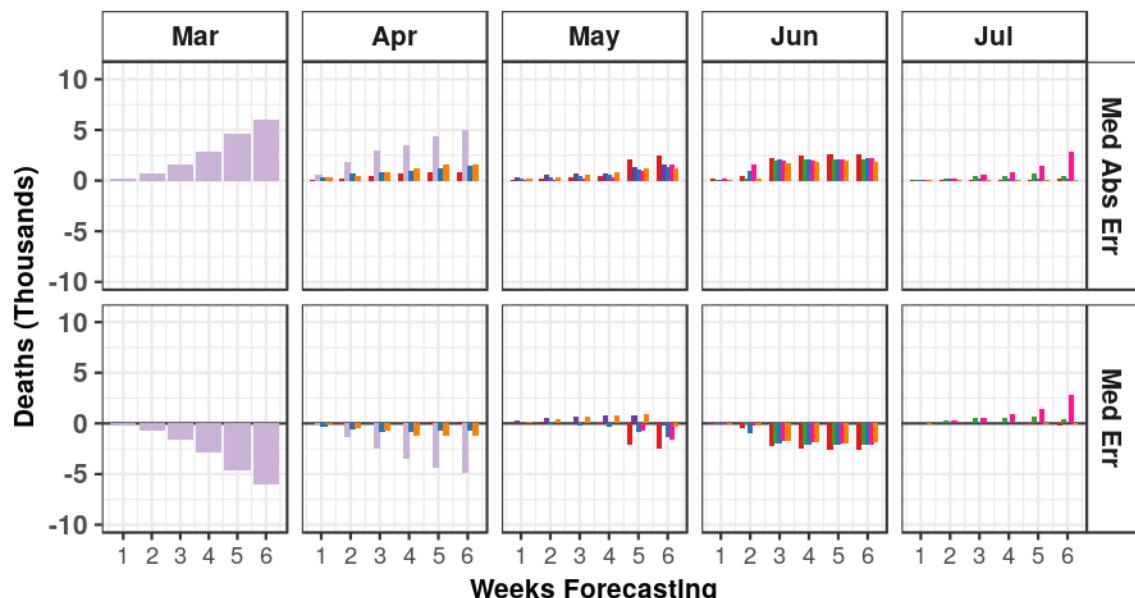
# New Jersey

## Current Forecast

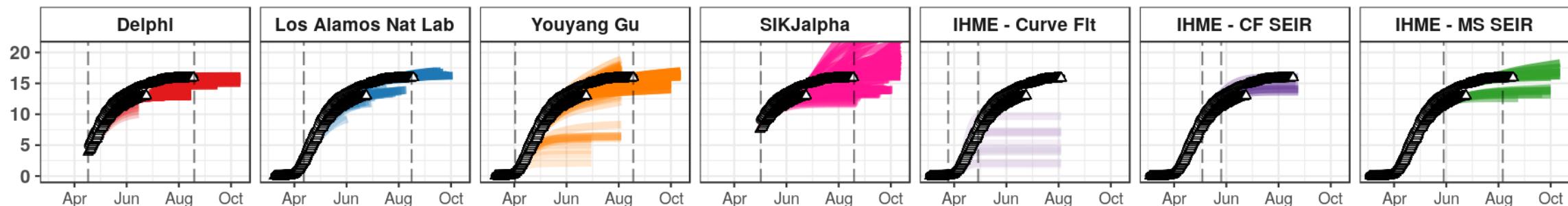
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



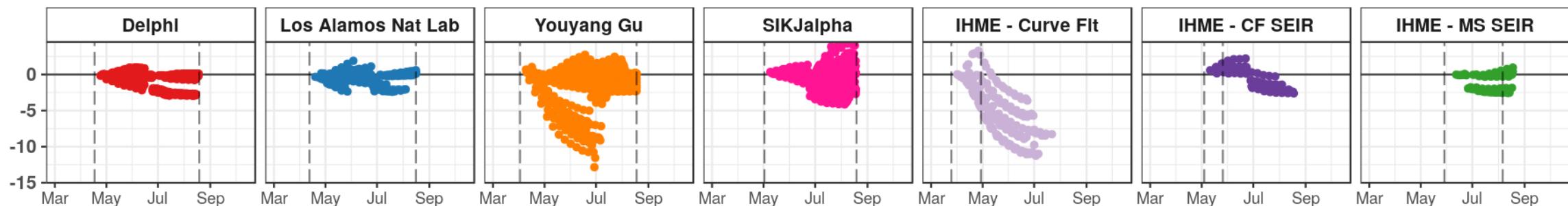
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



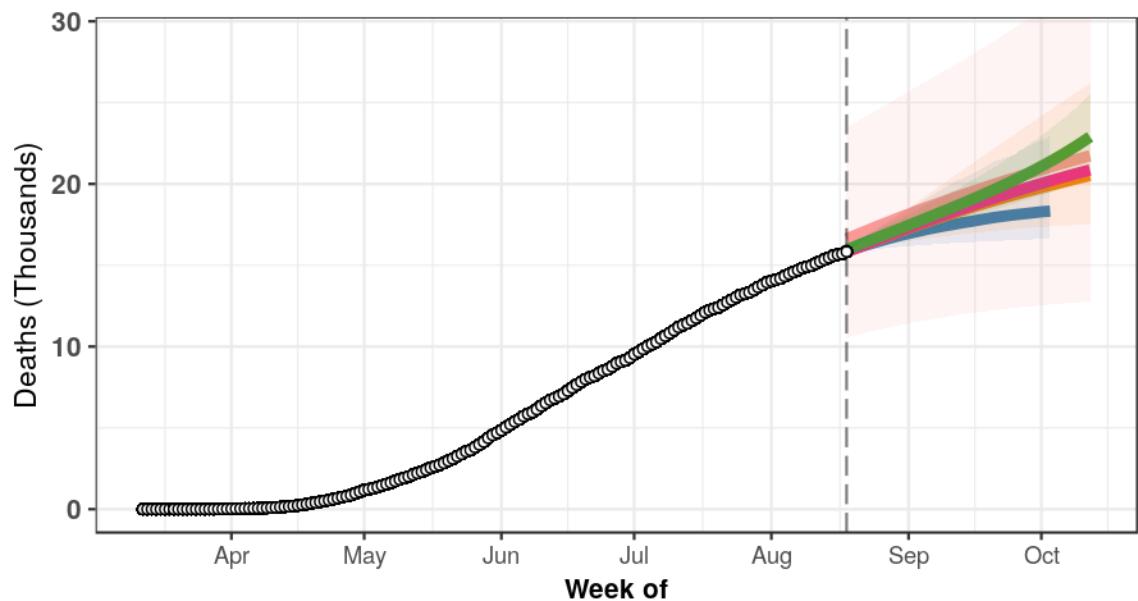
## All Cumulative Errors



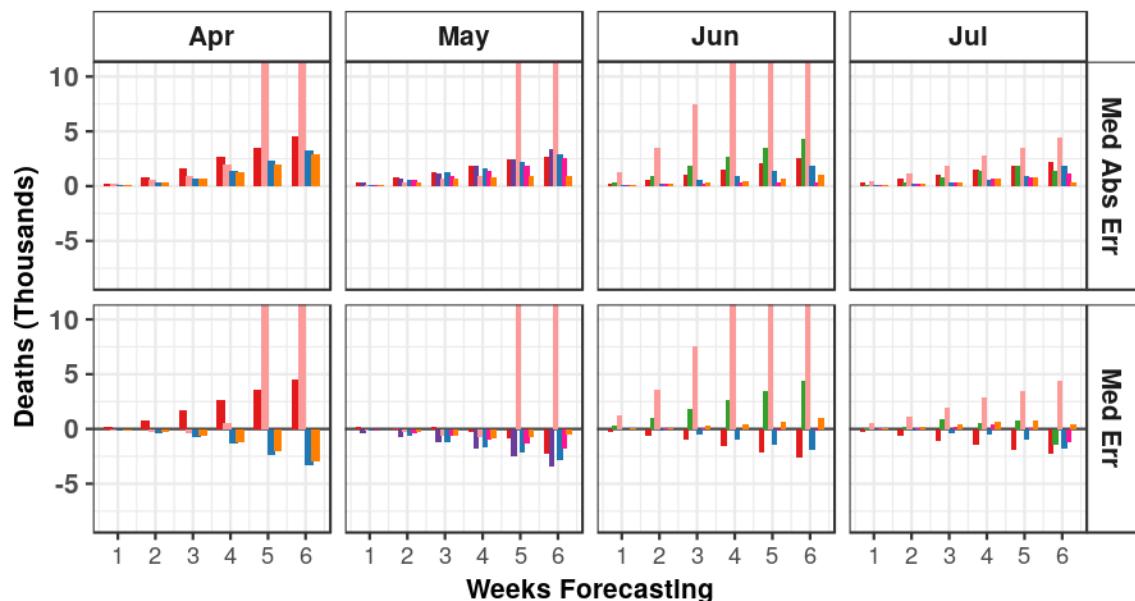
# Russian Federation

## Current Forecast

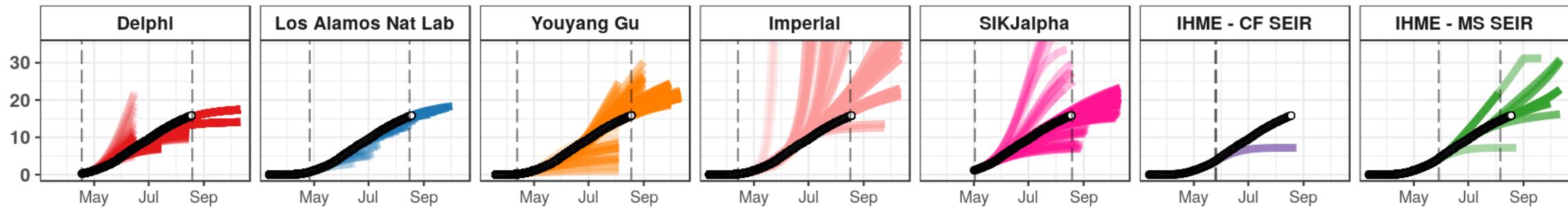
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



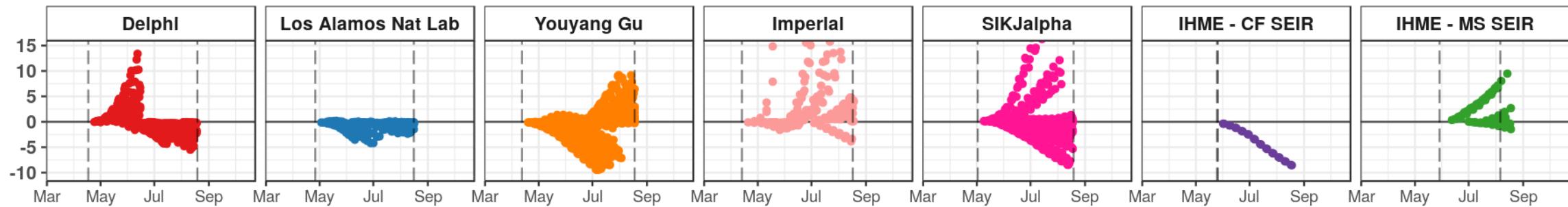
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



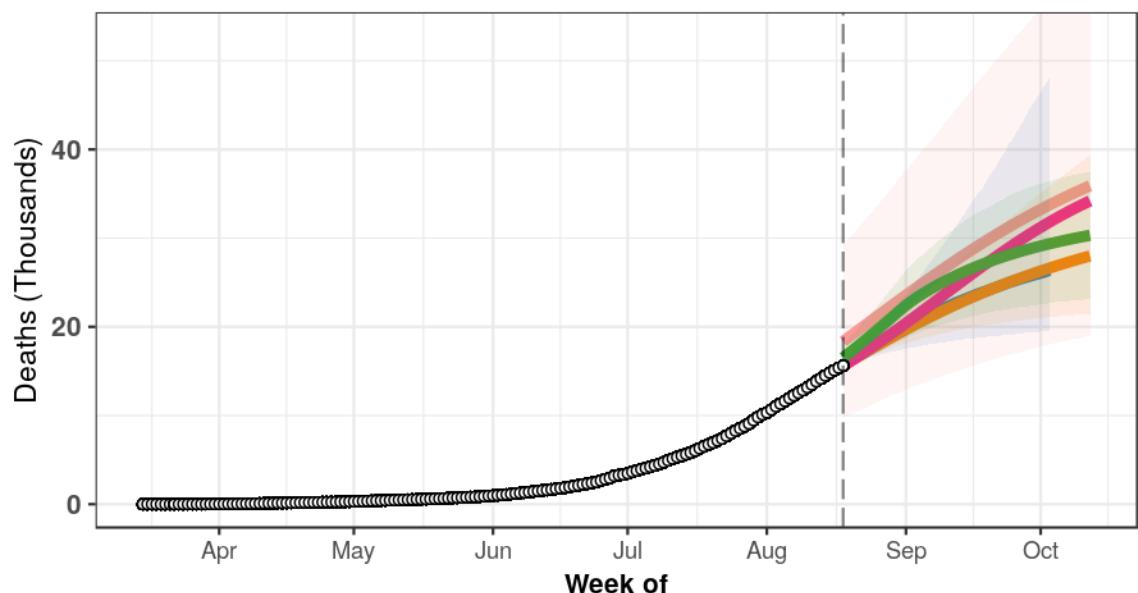
## All Cumulative Errors



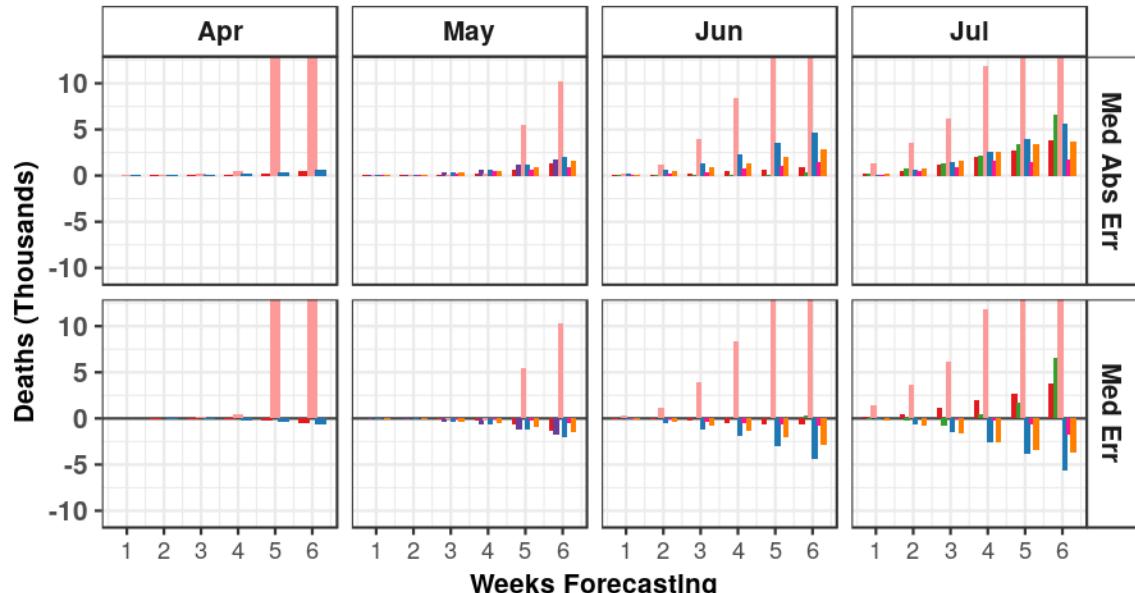
# Colombia

## Current Forecast

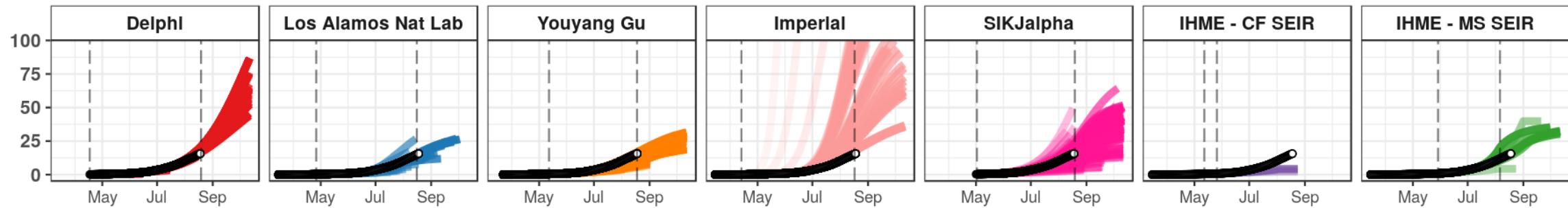
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



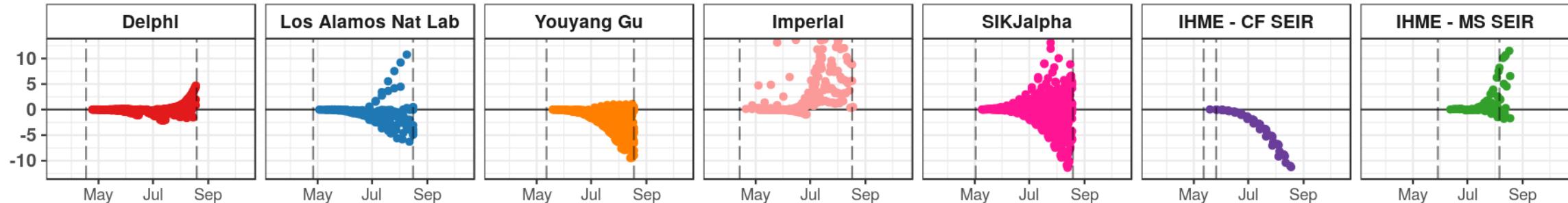
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



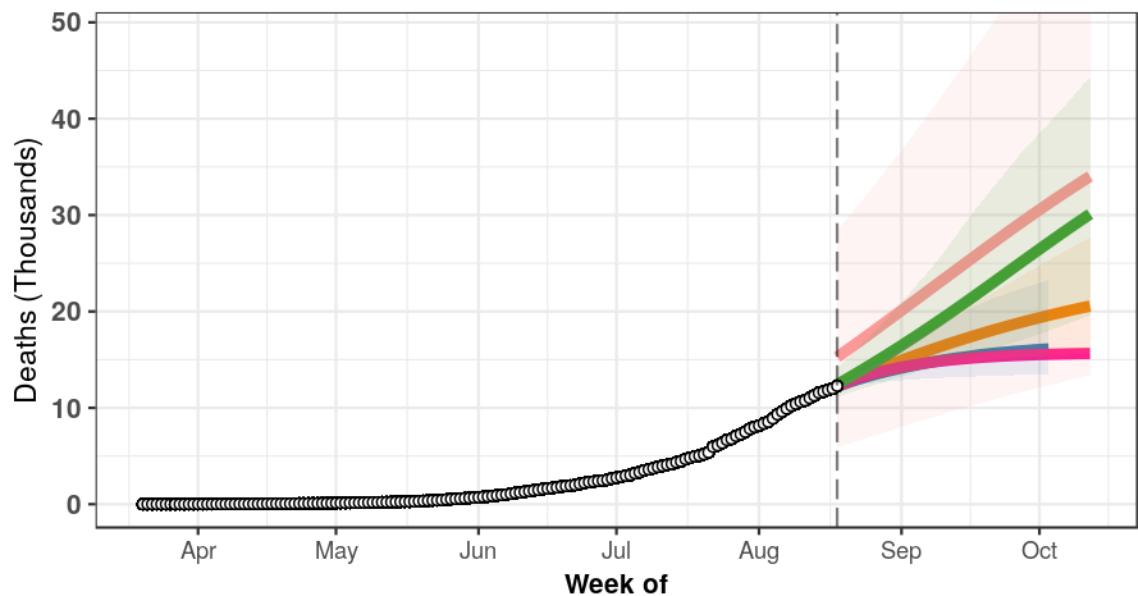
## All Cumulative Errors



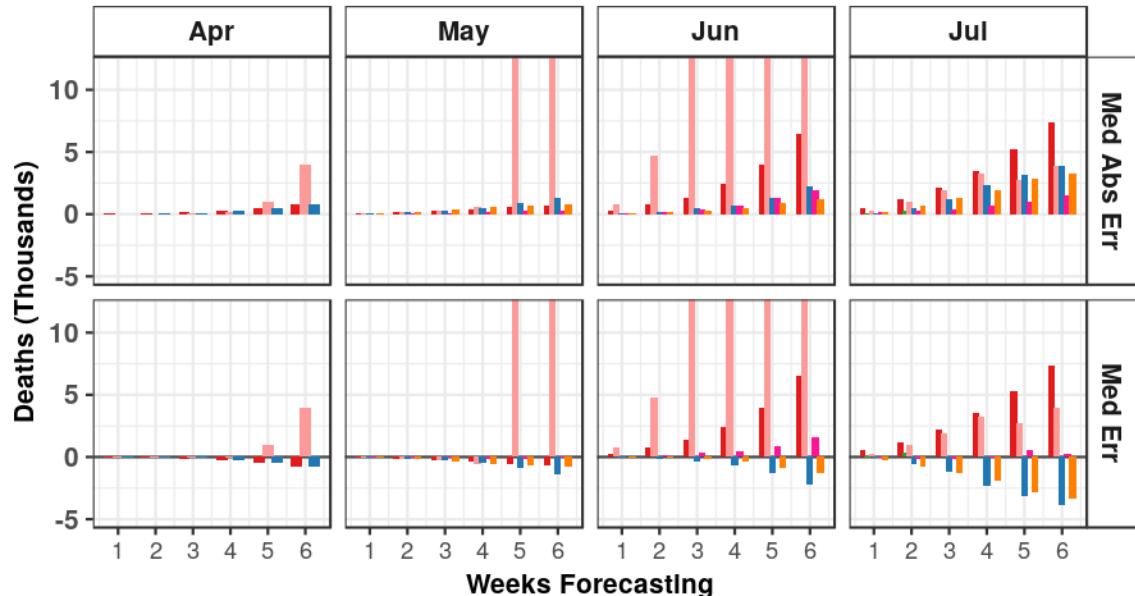
# South Africa

## Current Forecast

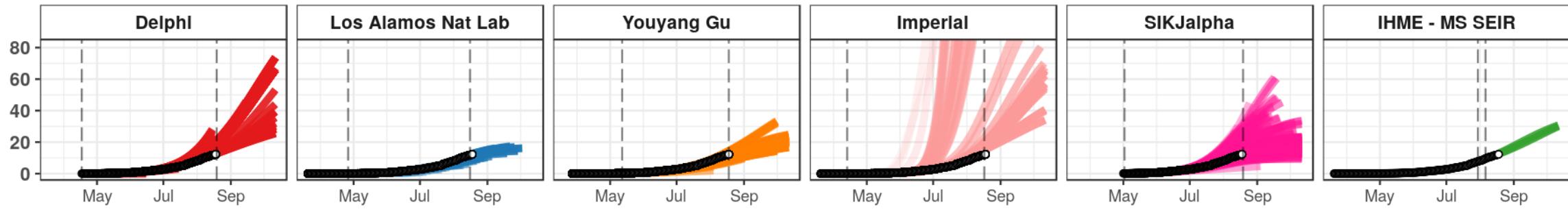
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



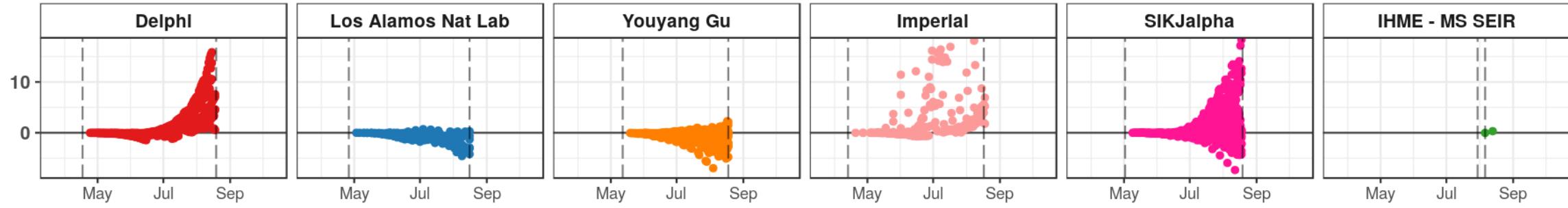
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



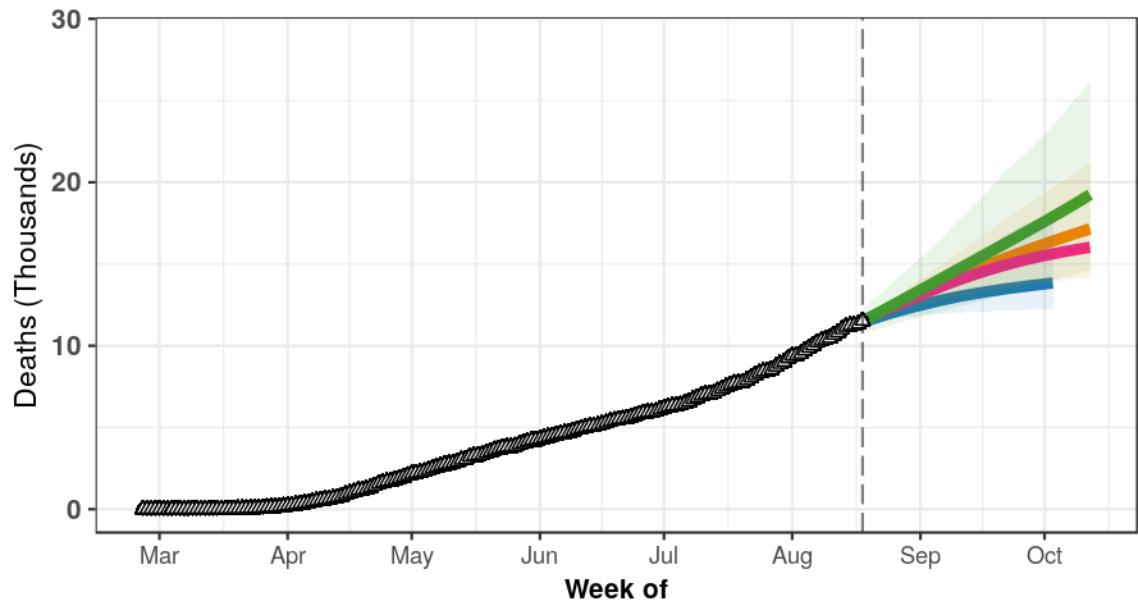
## All Cumulative Errors



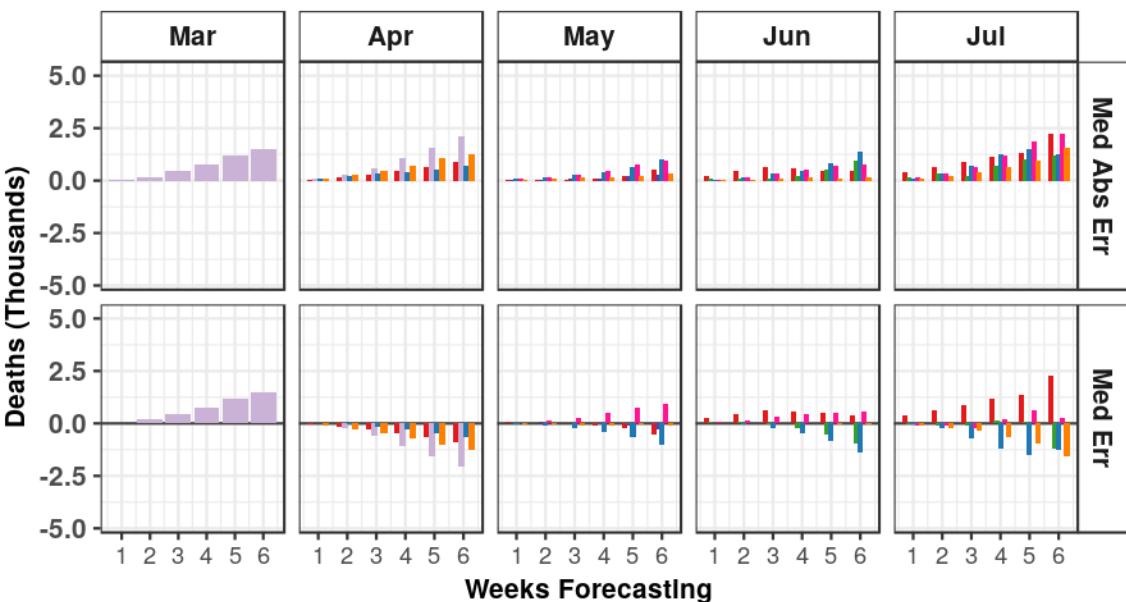
# California

## Current Forecast

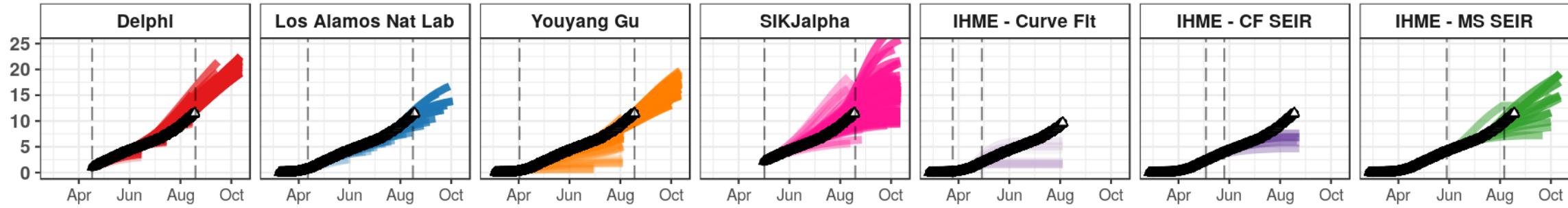
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



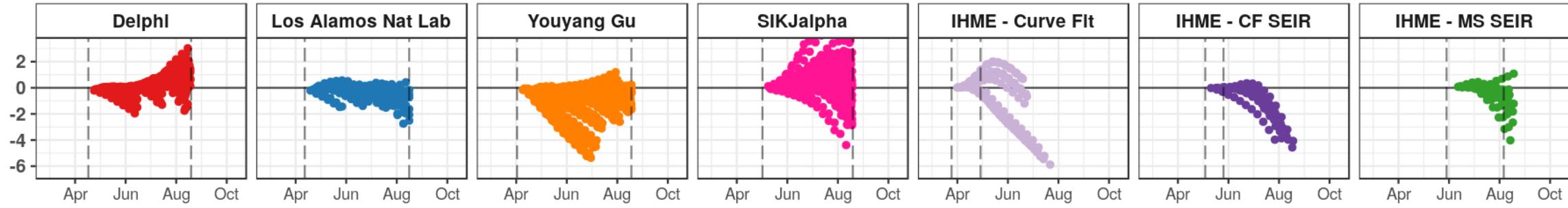
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



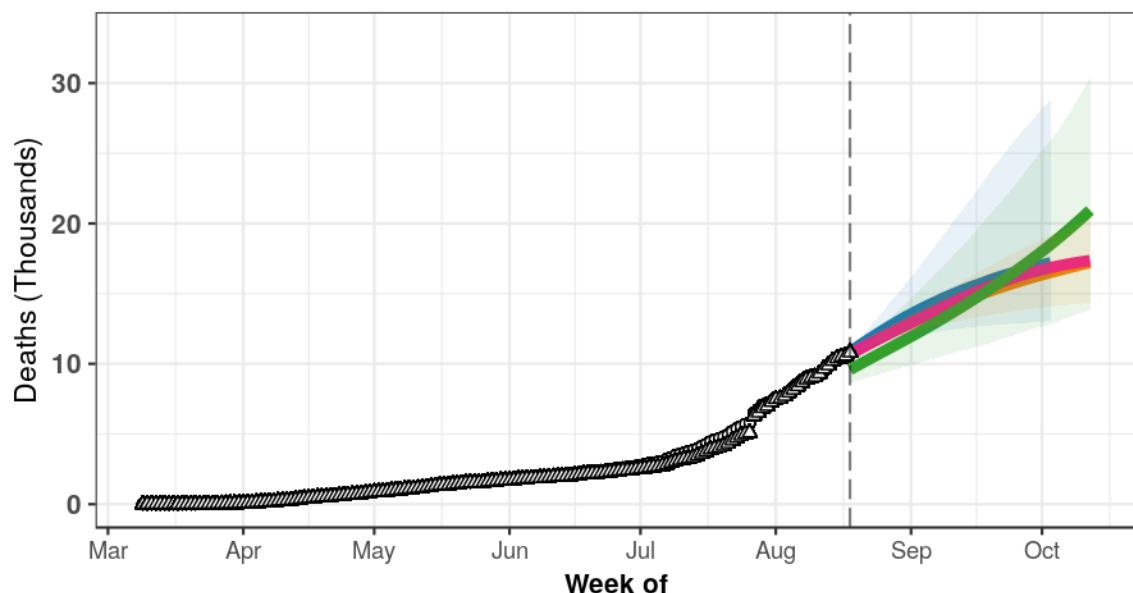
## All Cumulative Errors



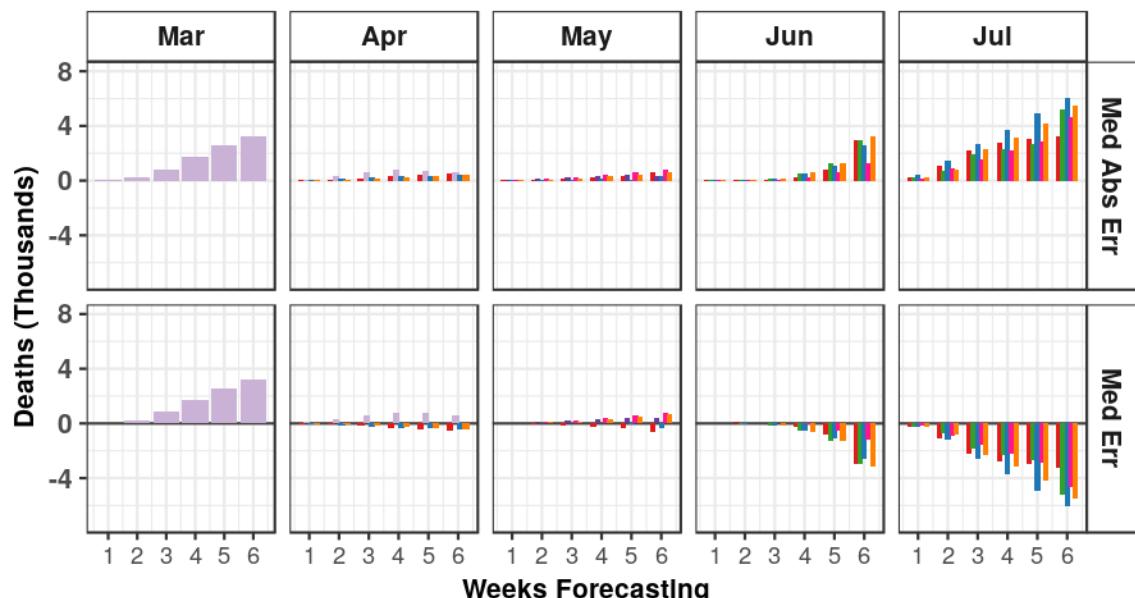
# Texas

## Current Forecast

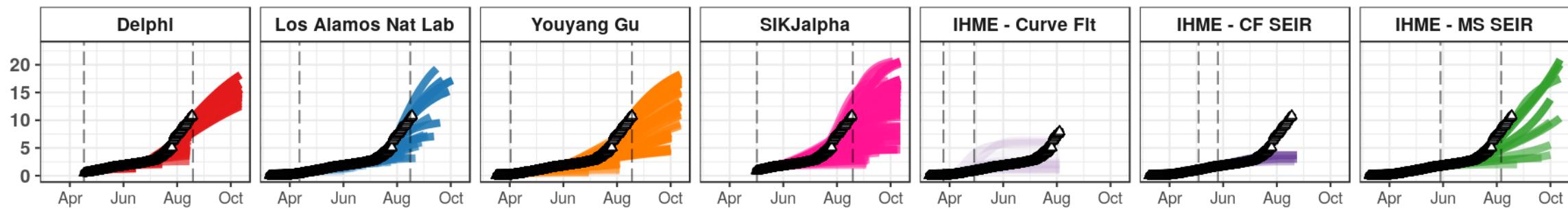
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



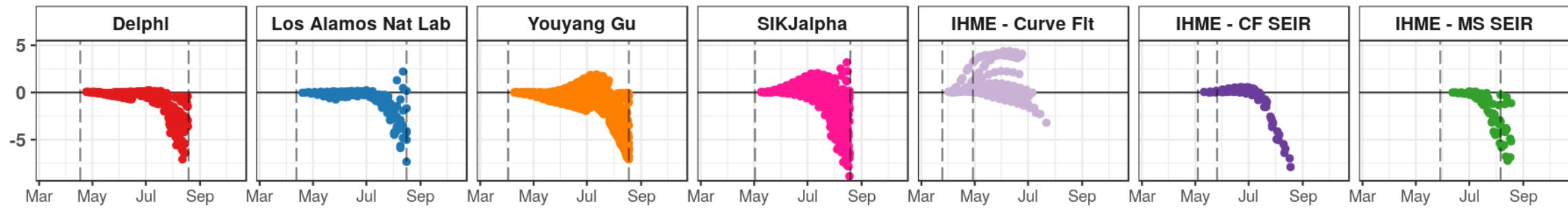
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



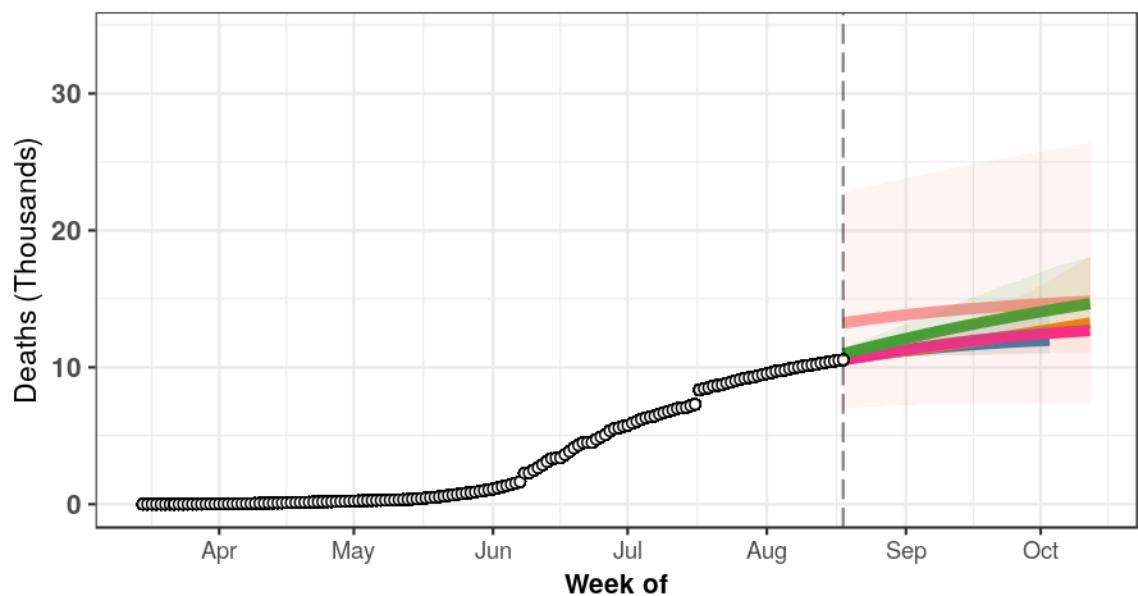
## All Cumulative Errors



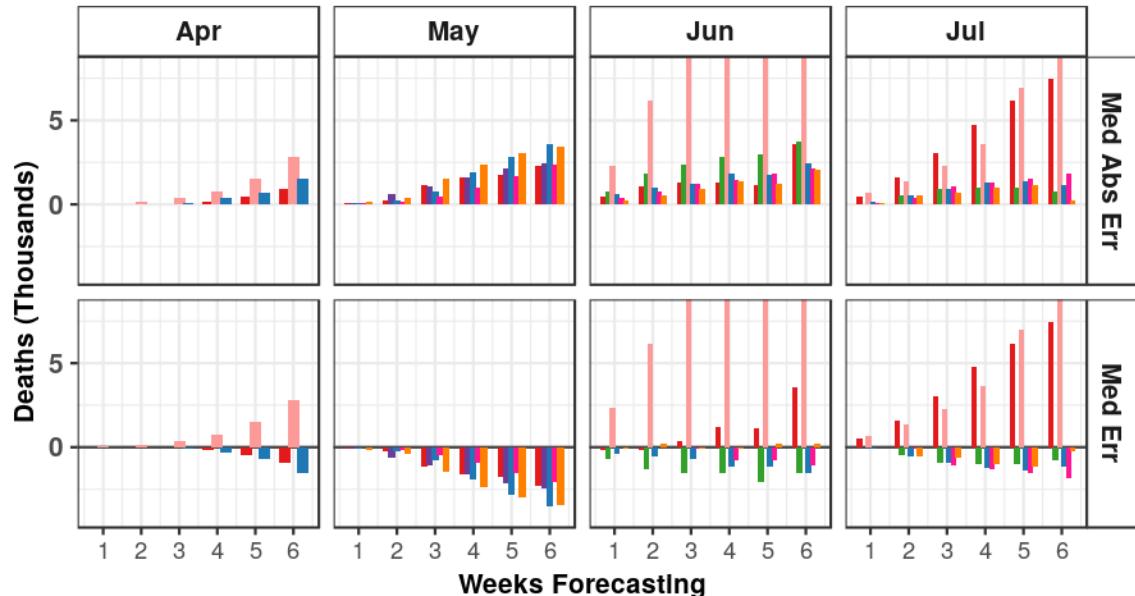
# Chile

## Current Forecast

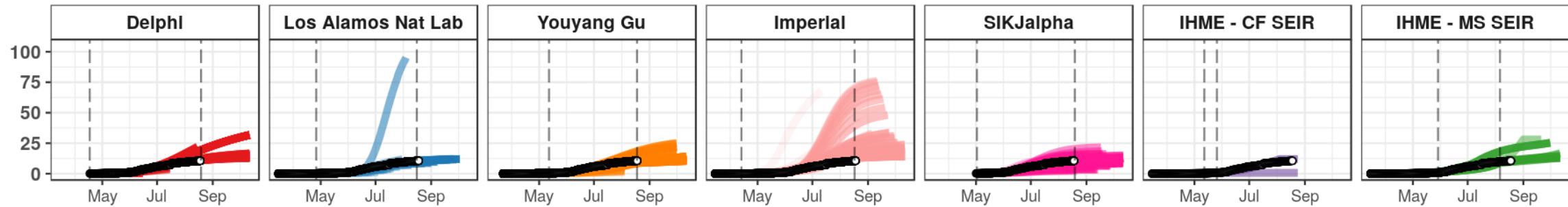
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



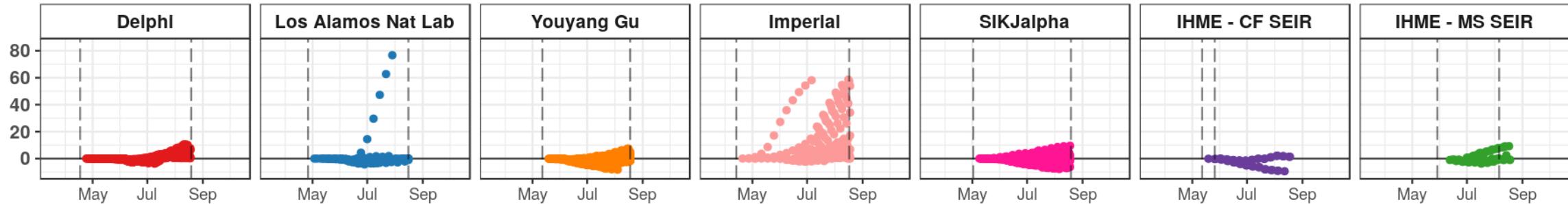
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

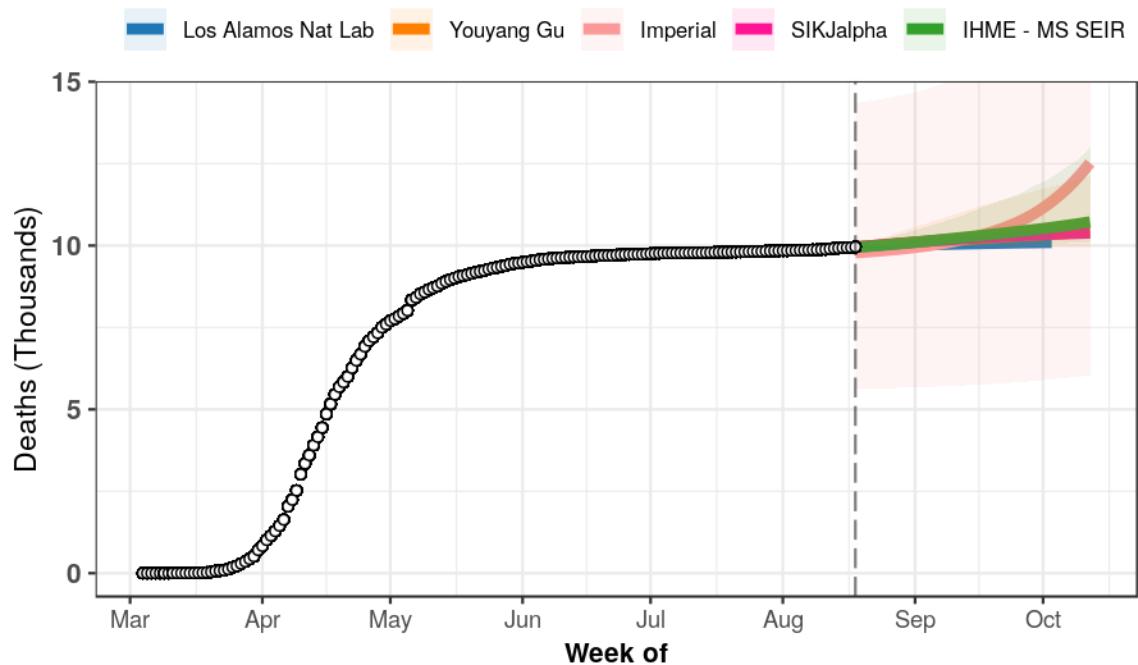


## All Cumulative Errors

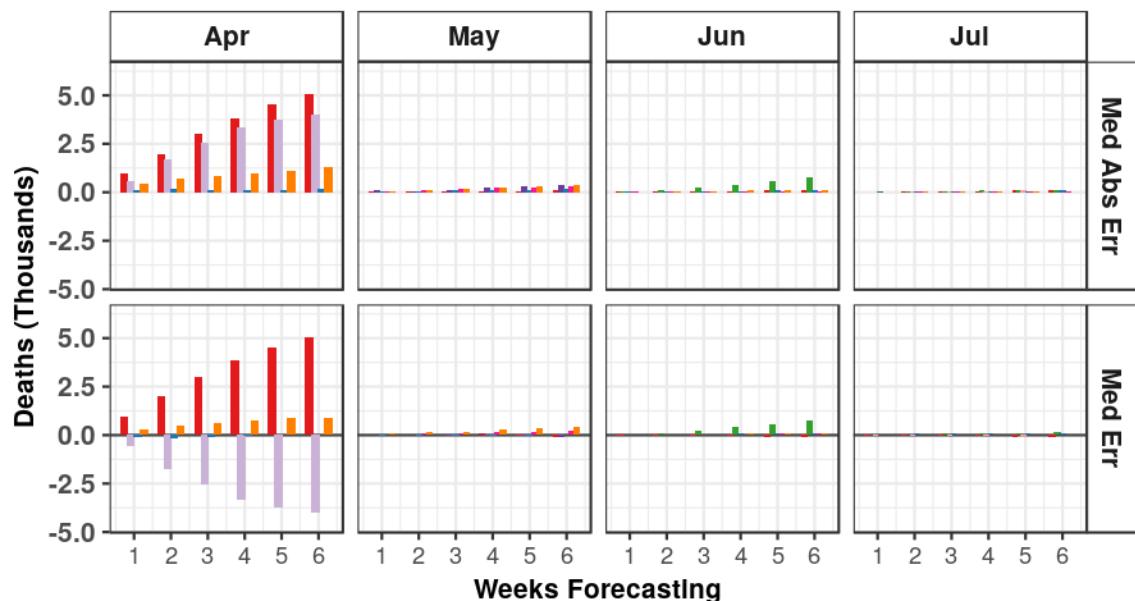


# Belgium

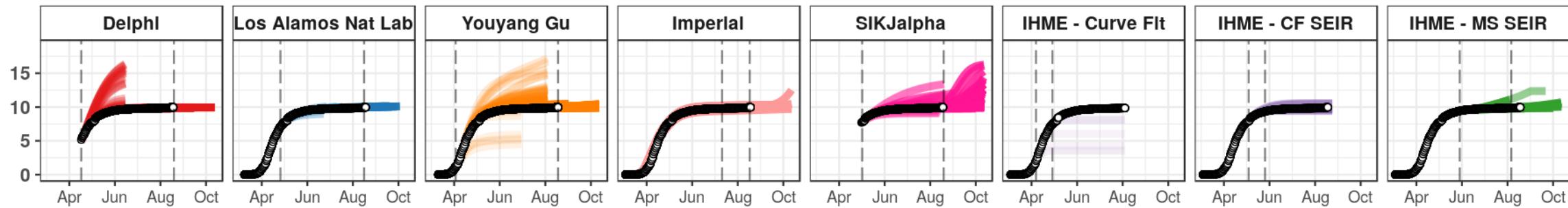
## Current Forecast



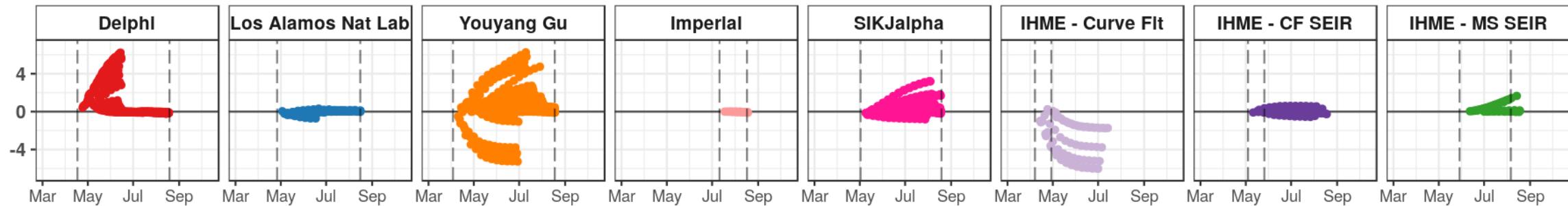
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



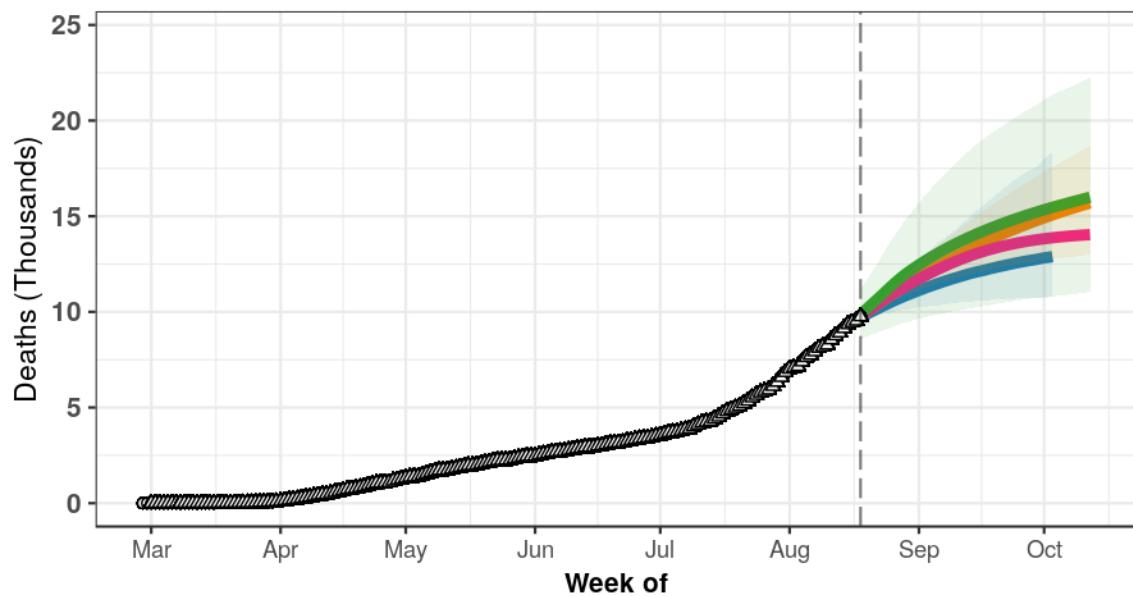
## All Cumulative Errors



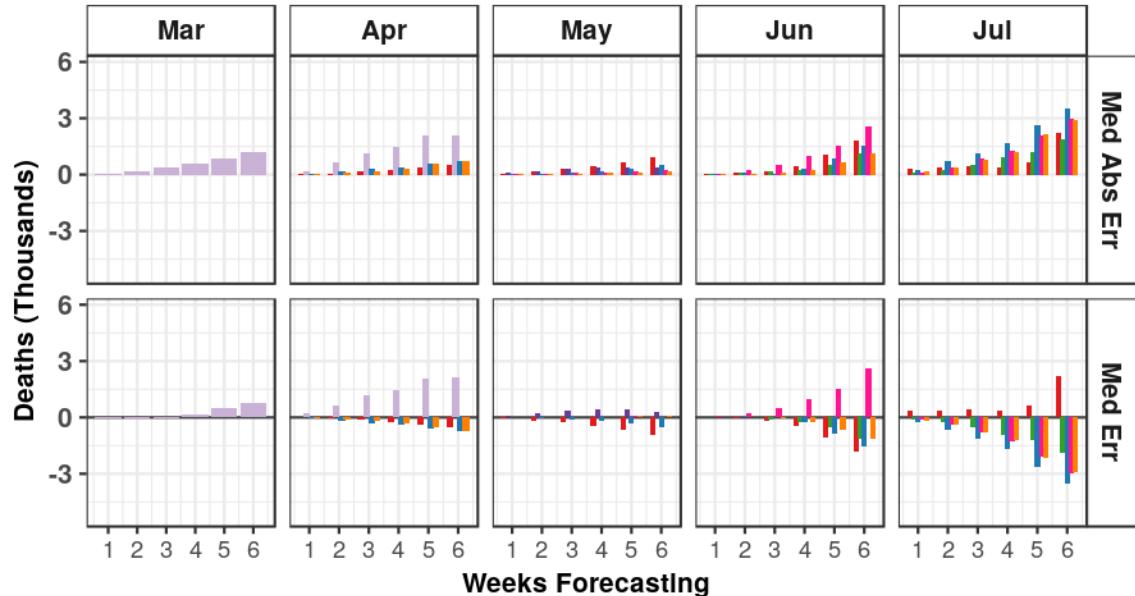
# Florida

## Current Forecast

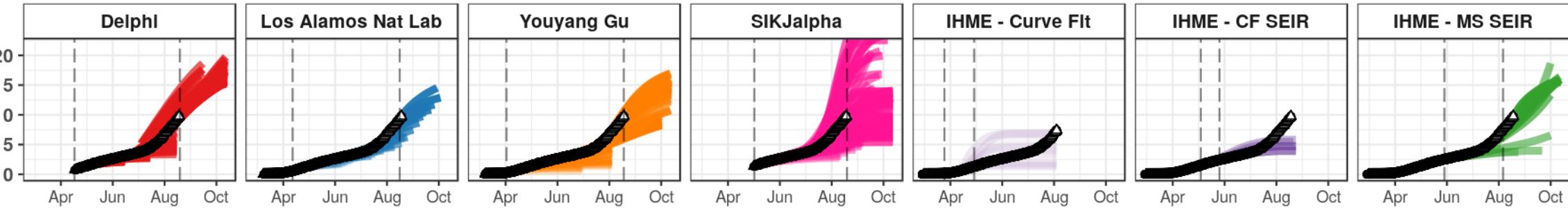
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



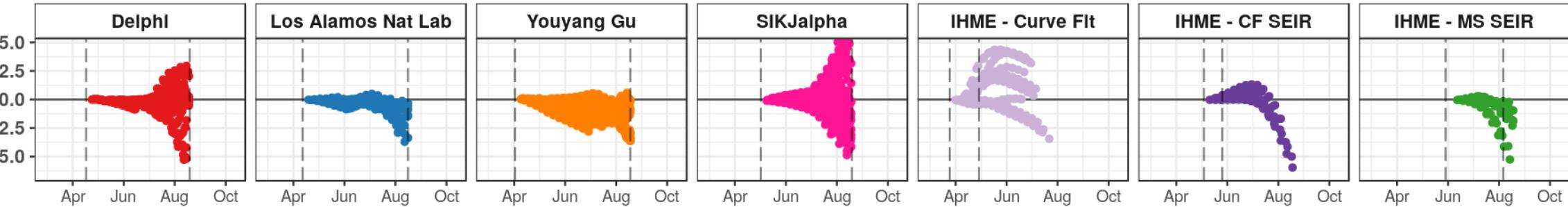
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

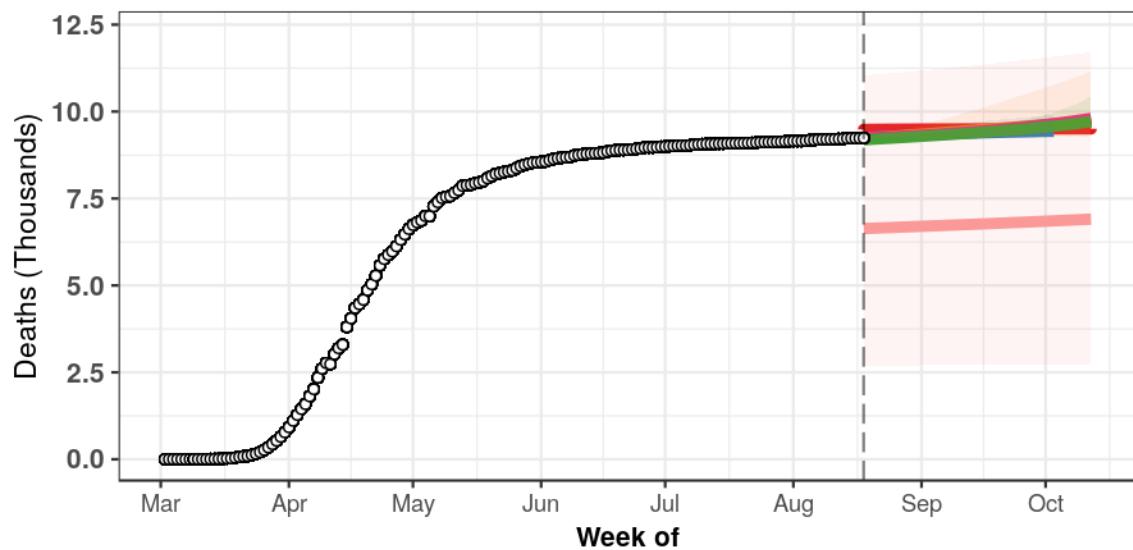


## All Cumulative Errors

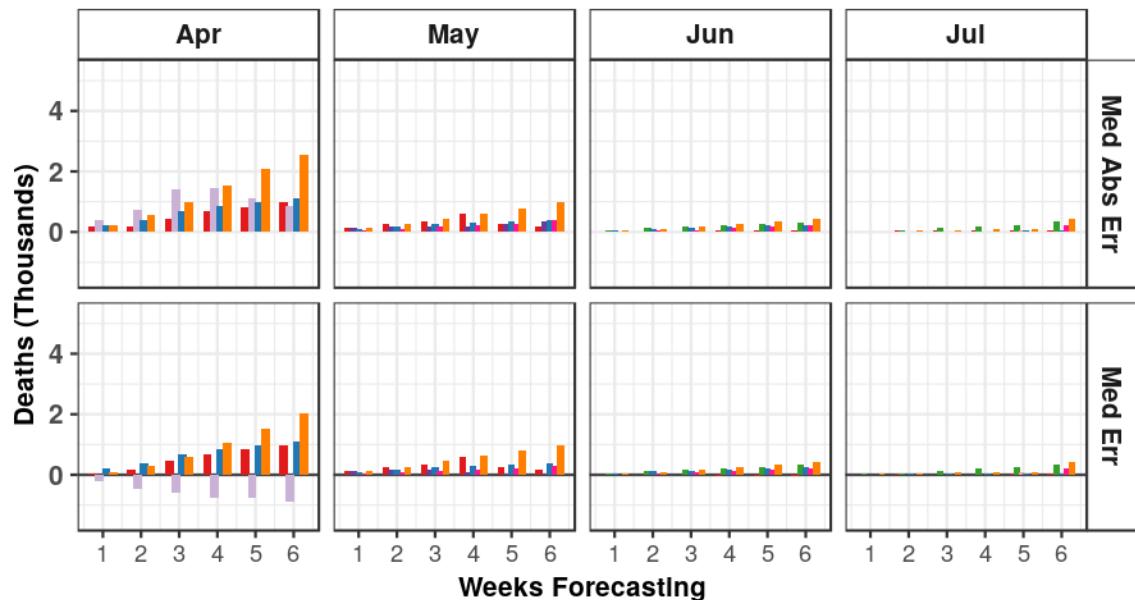


# Germany

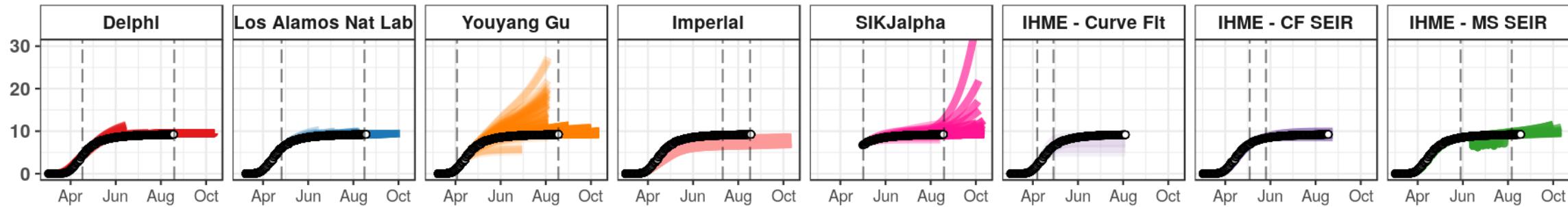
## Current Forecast



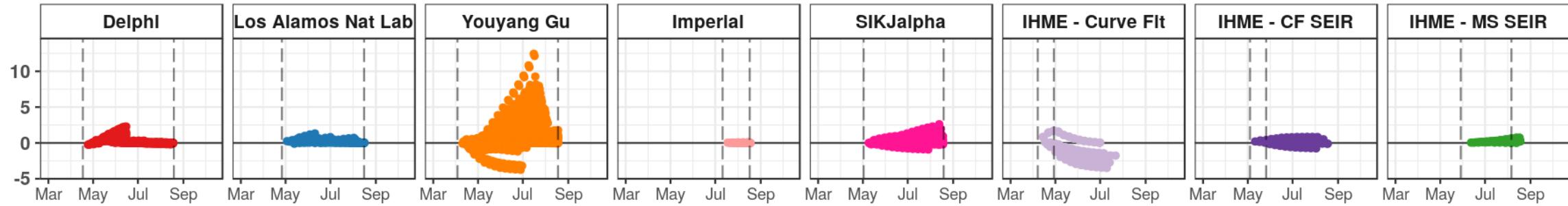
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



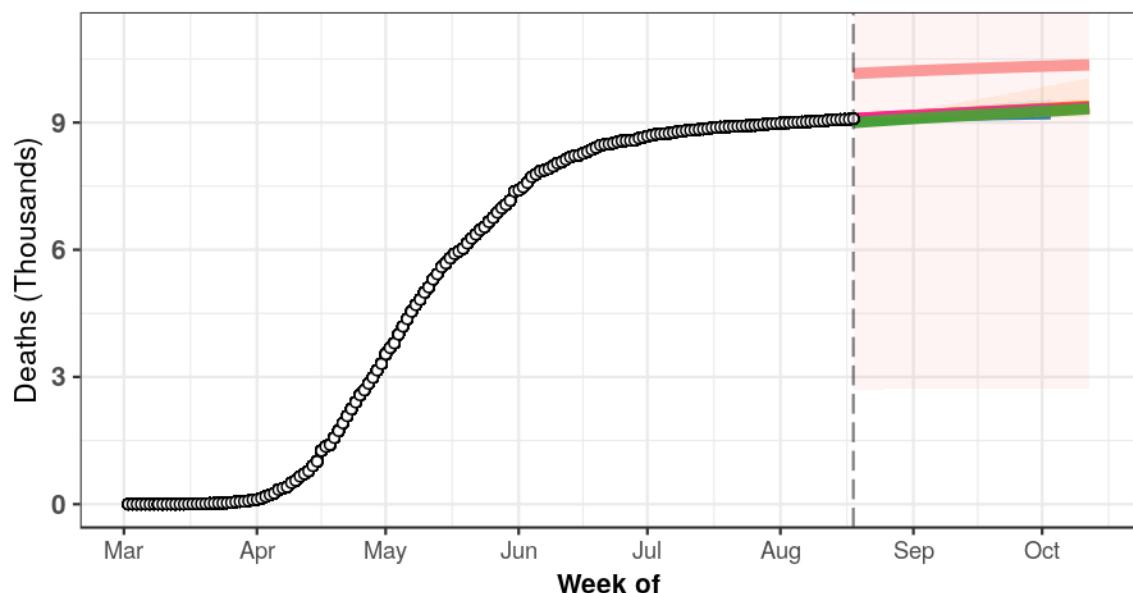
## All Cumulative Errors



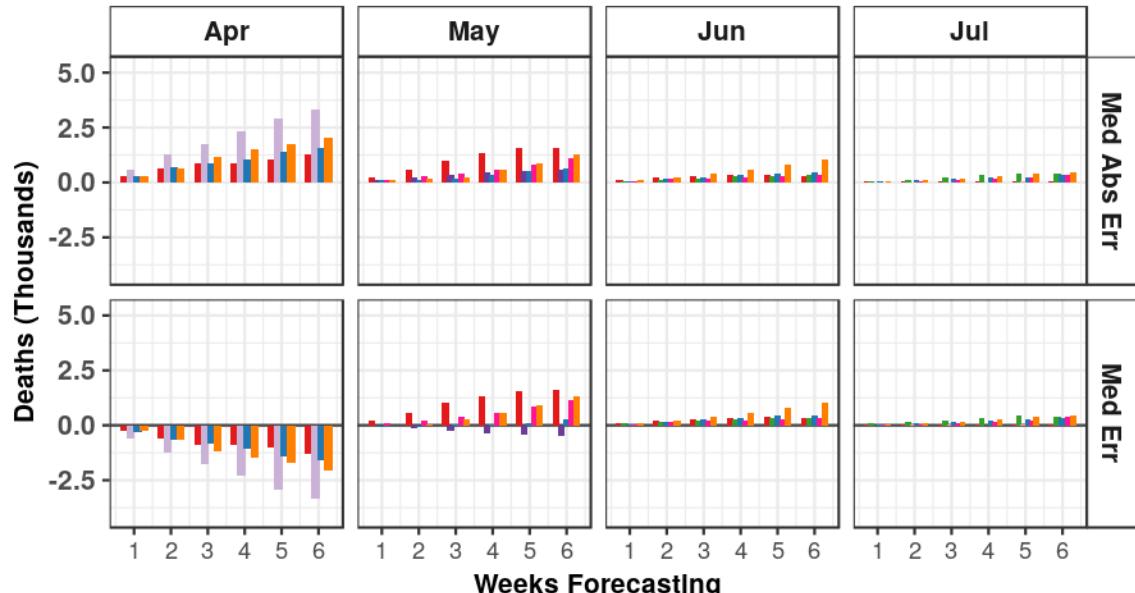
# Canada

## Current Forecast

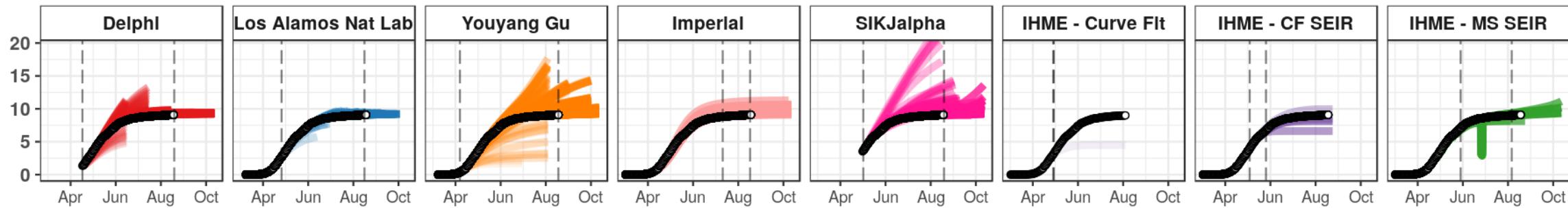
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



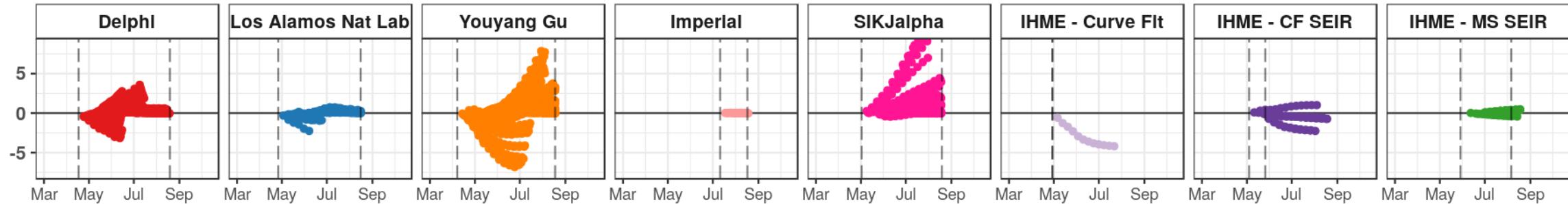
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



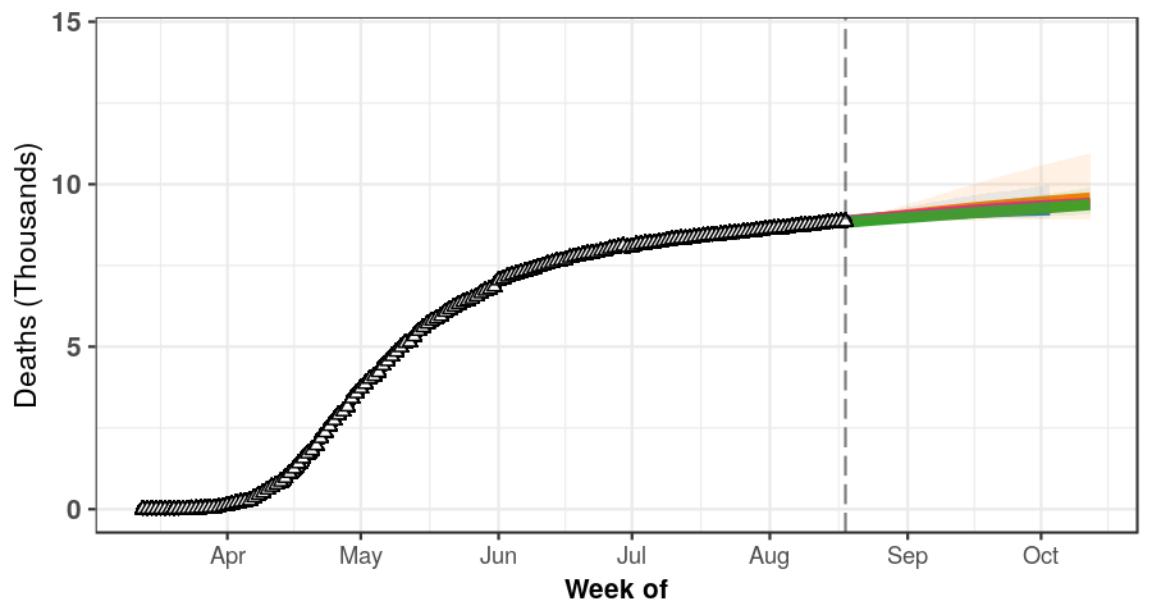
## All Cumulative Errors



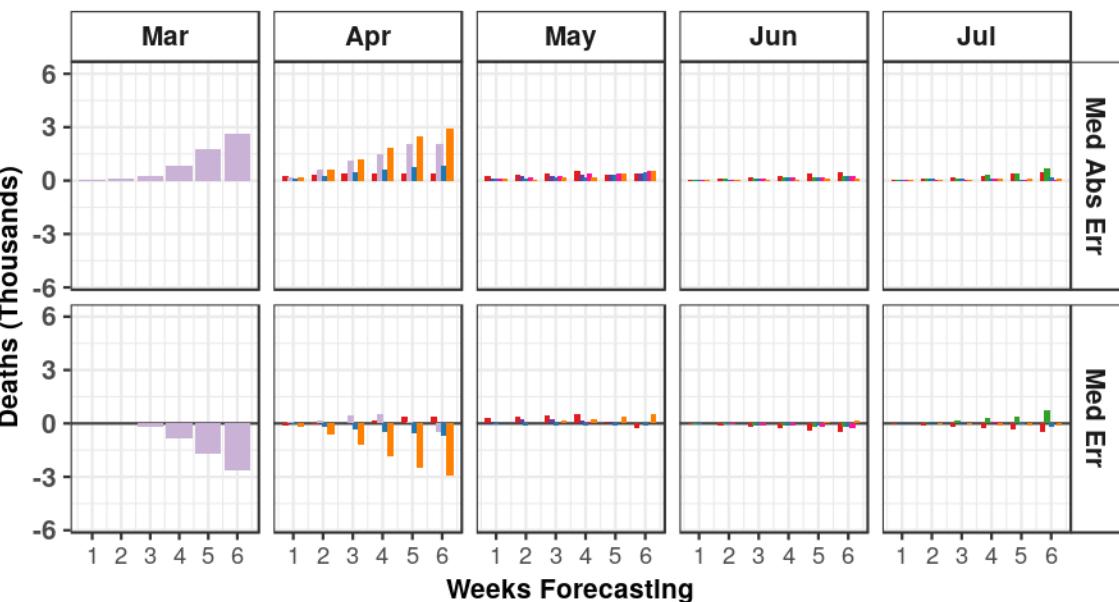
# Massachusetts

## Current Forecast

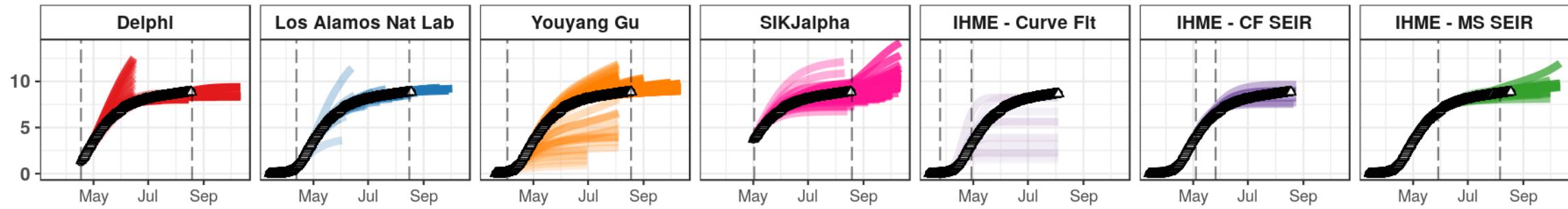
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



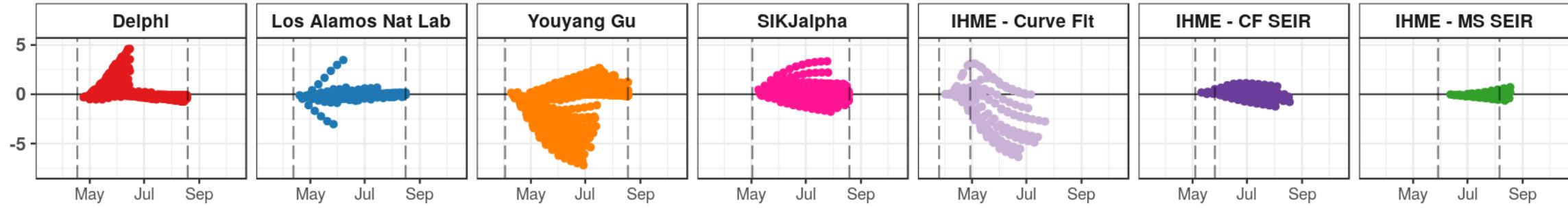
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

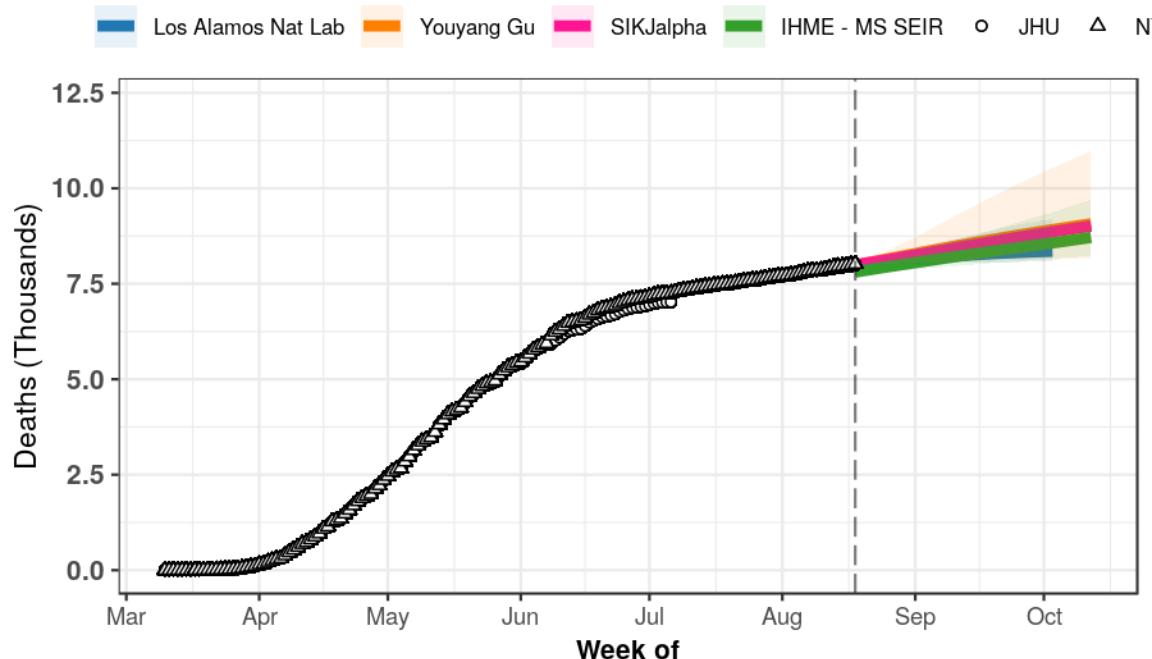


## All Cumulative Errors

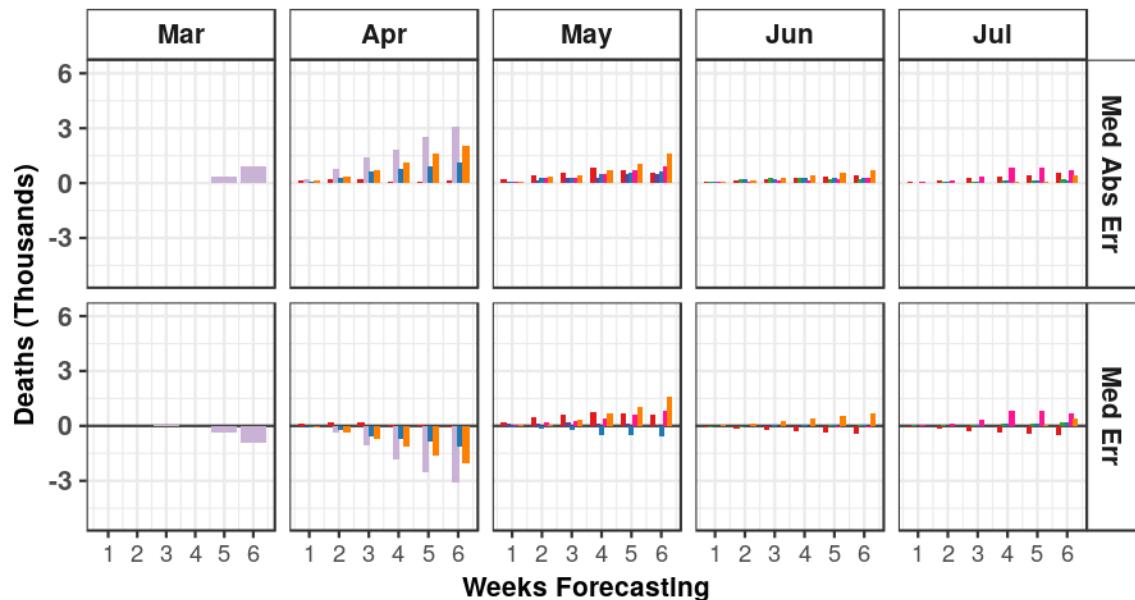


# Illinois

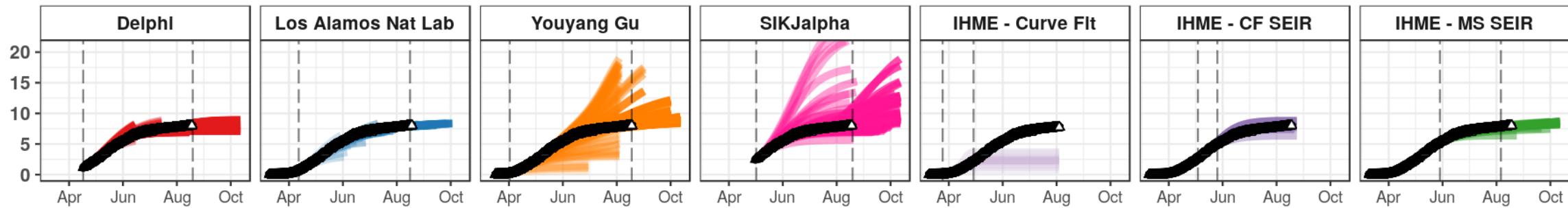
## Current Forecast



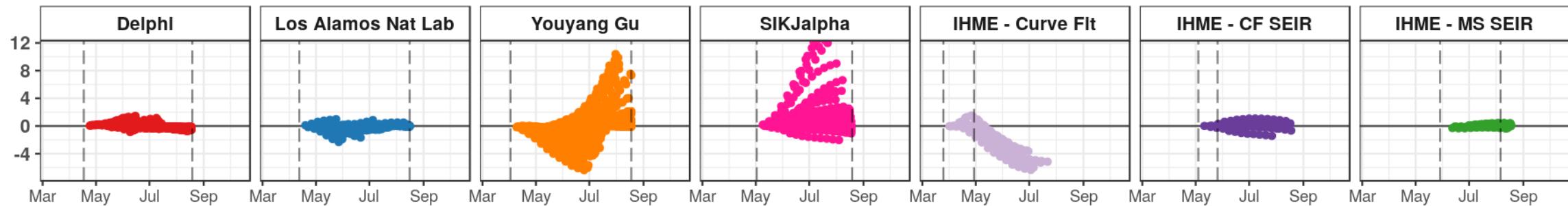
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



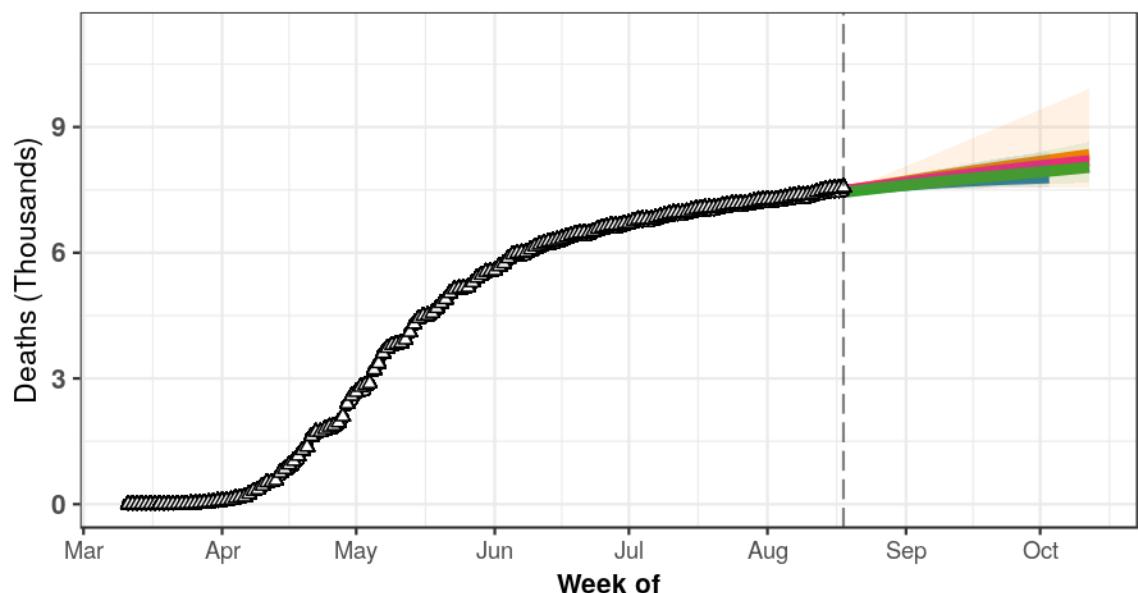
## All Cumulative Errors



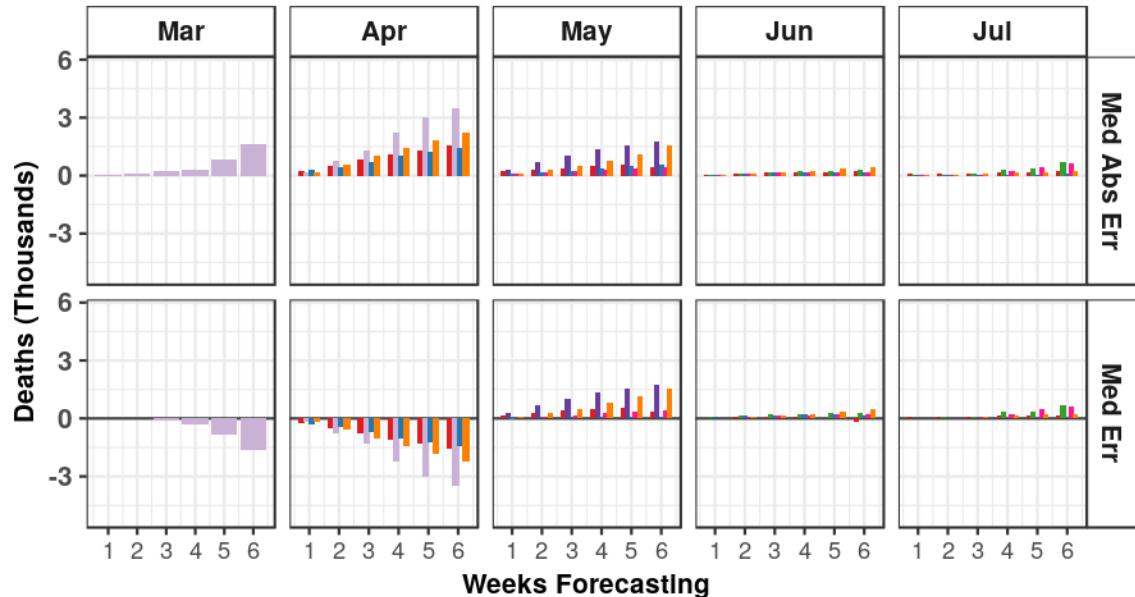
# Pennsylvania

## Current Forecast

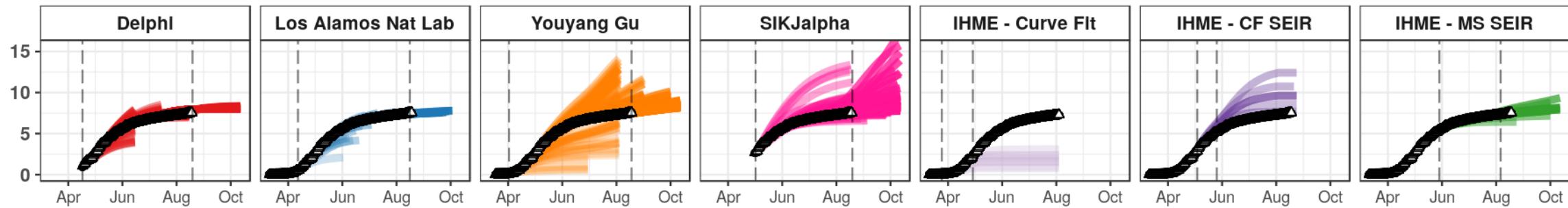
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



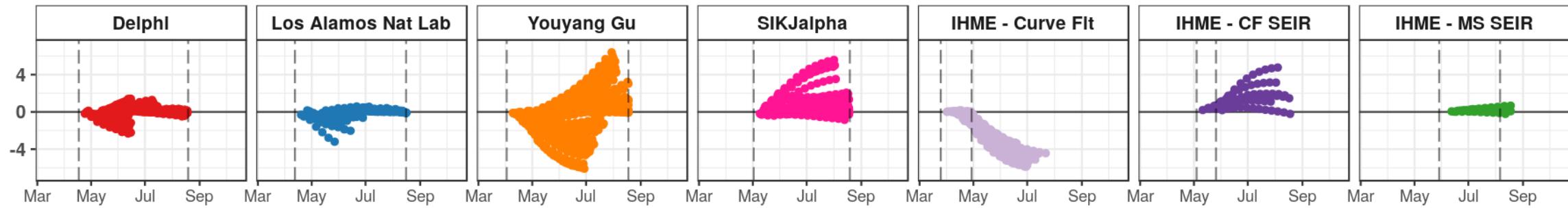
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



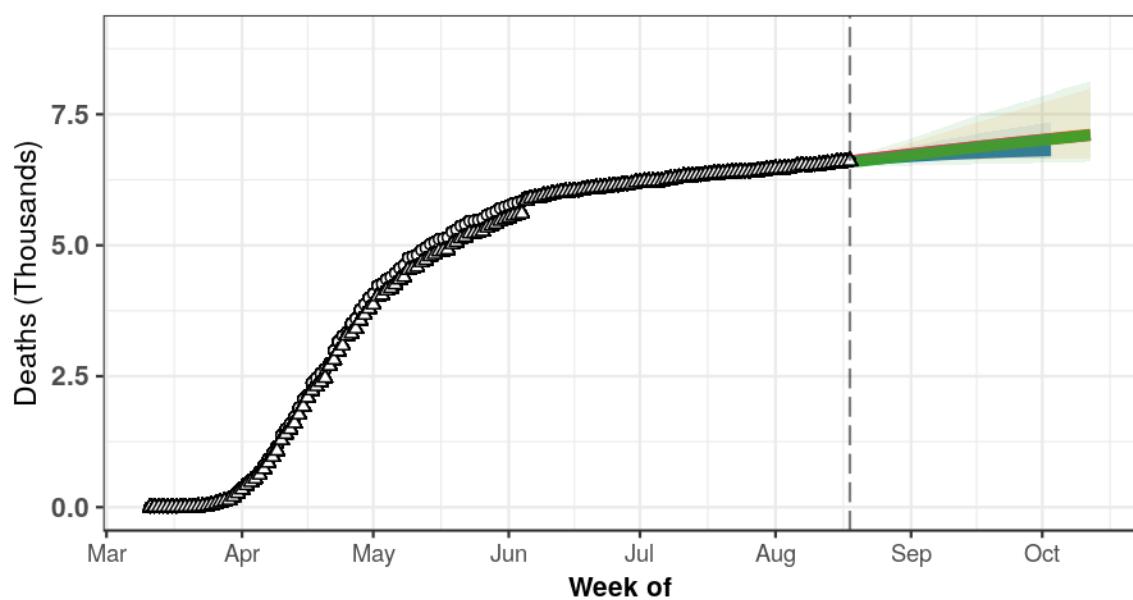
## All Cumulative Errors



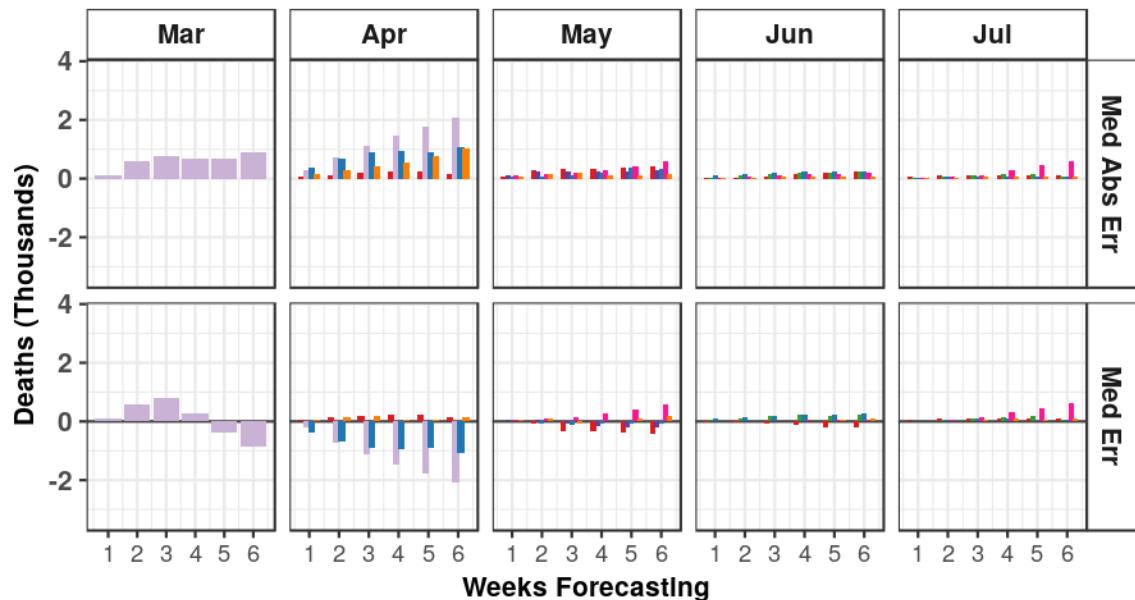
# Michigan

## Current Forecast

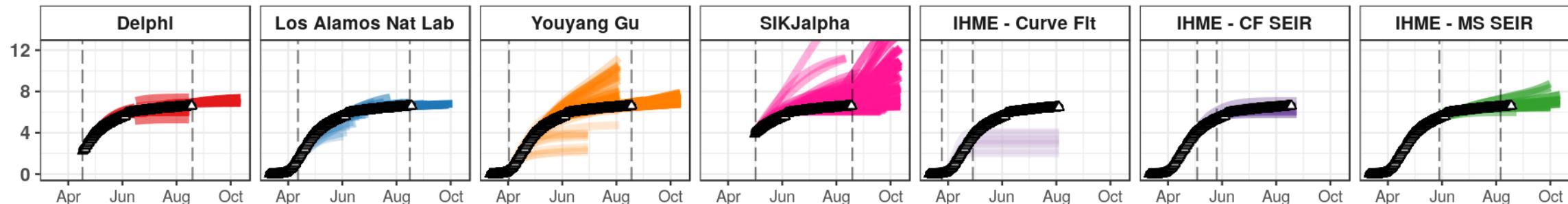
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



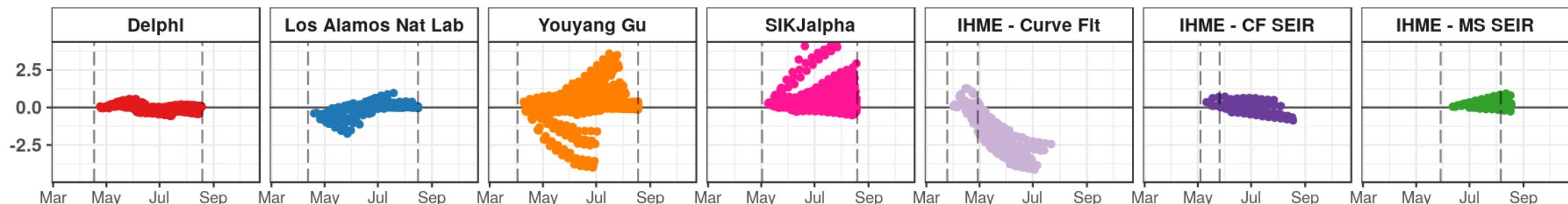
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



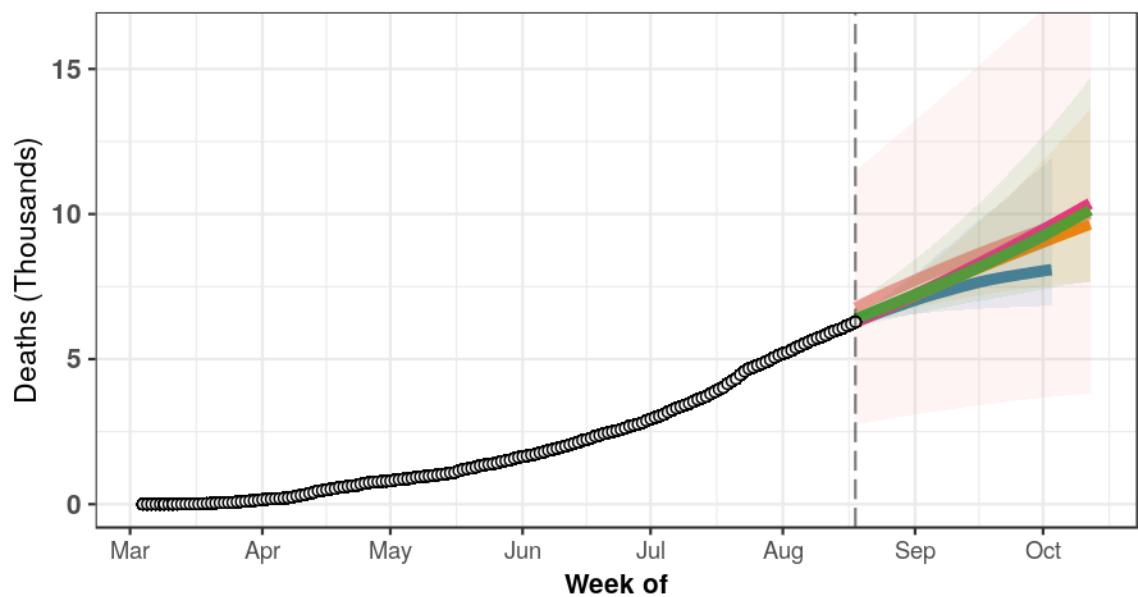
## All Cumulative Errors



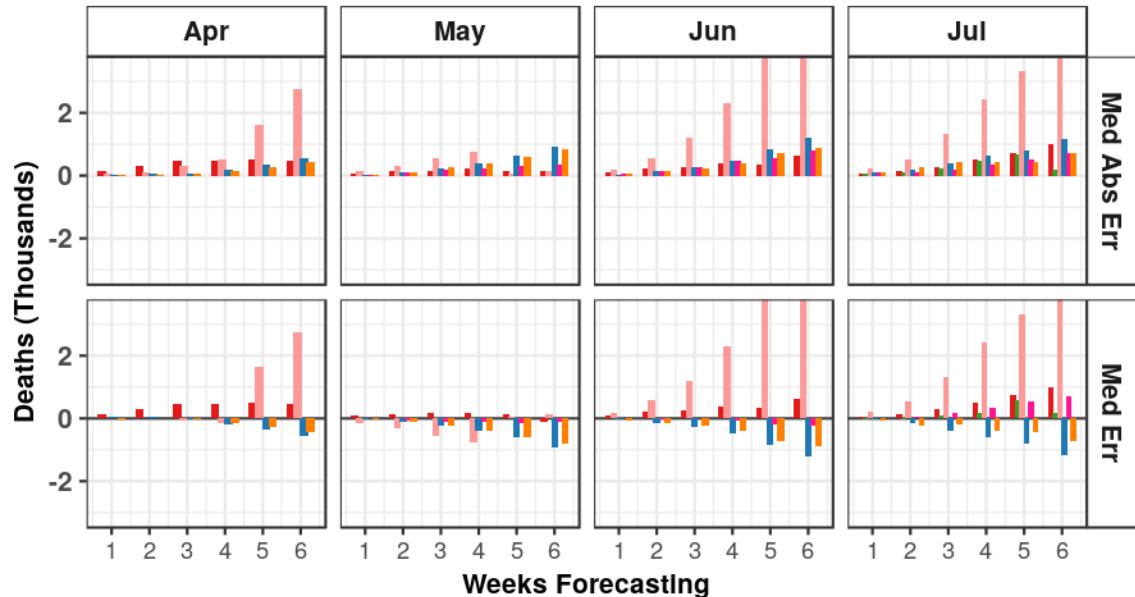
# Indonesia

## Current Forecast

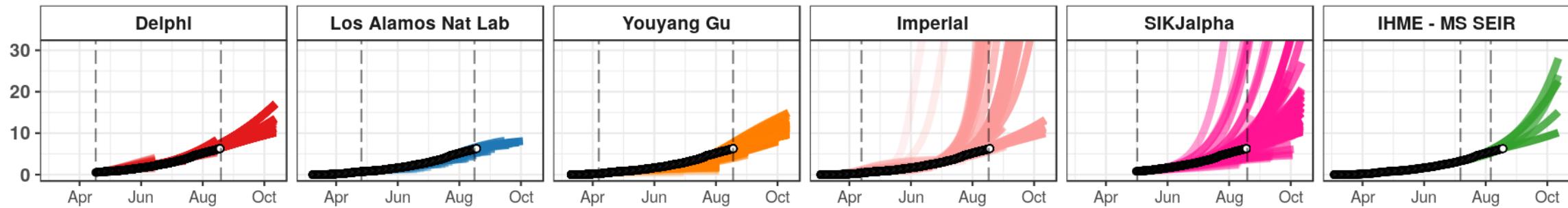
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



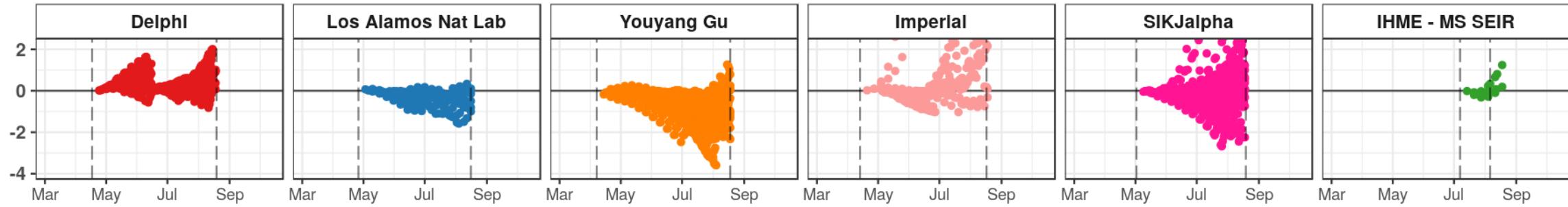
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



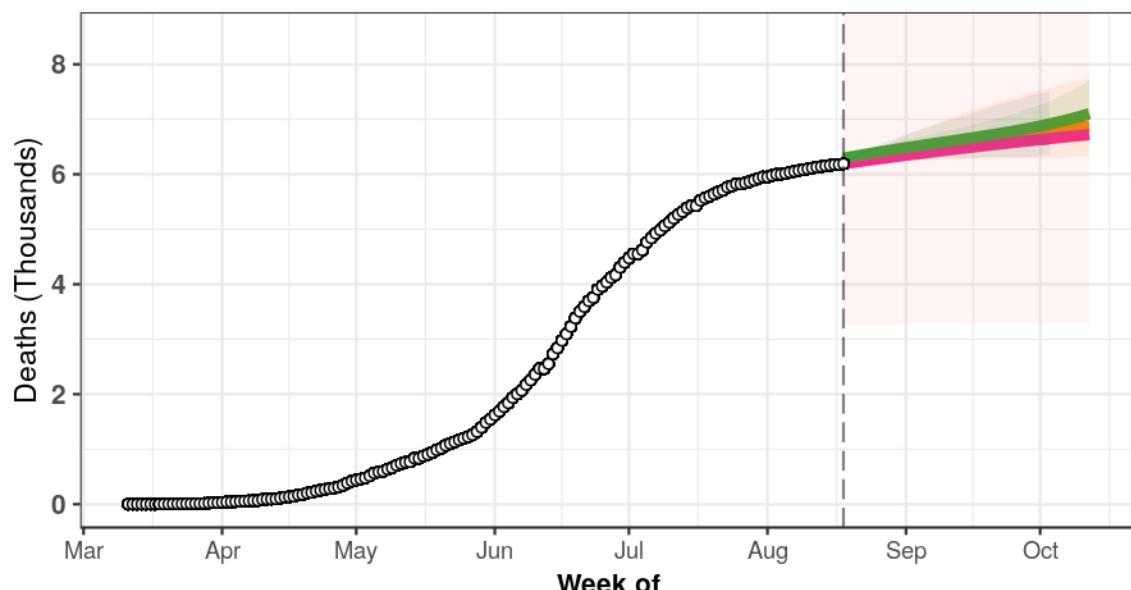
## All Cumulative Errors



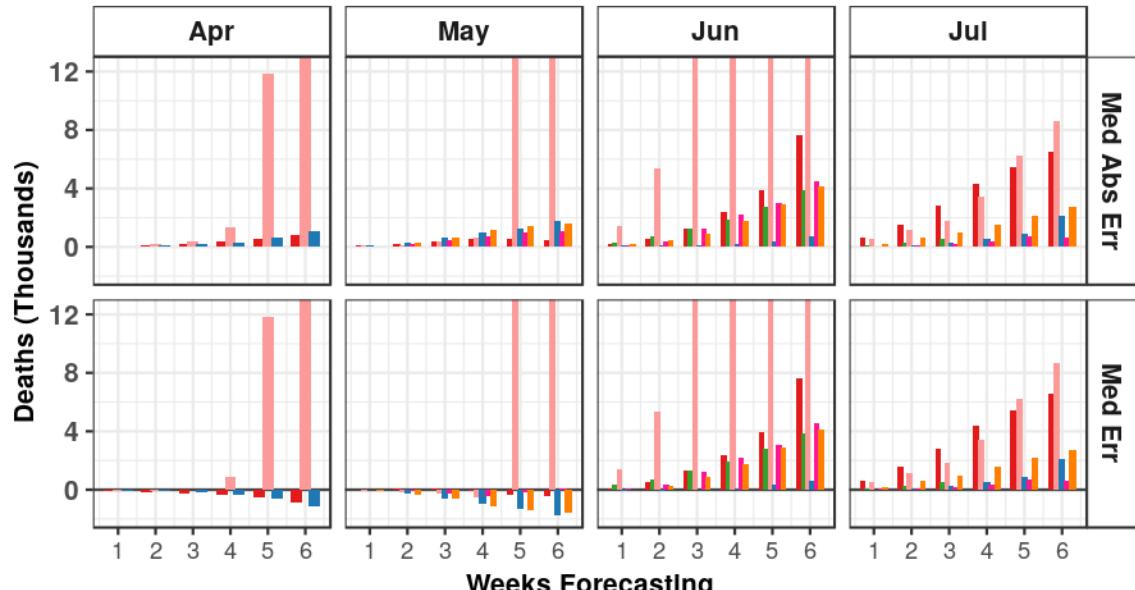
# Pakistan

## Current Forecast

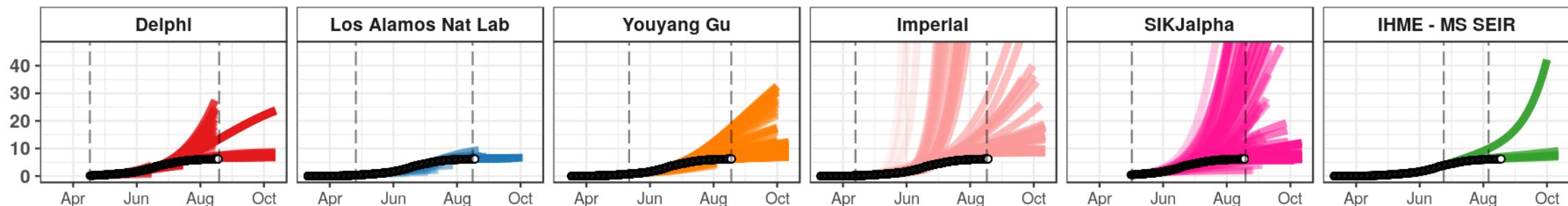
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



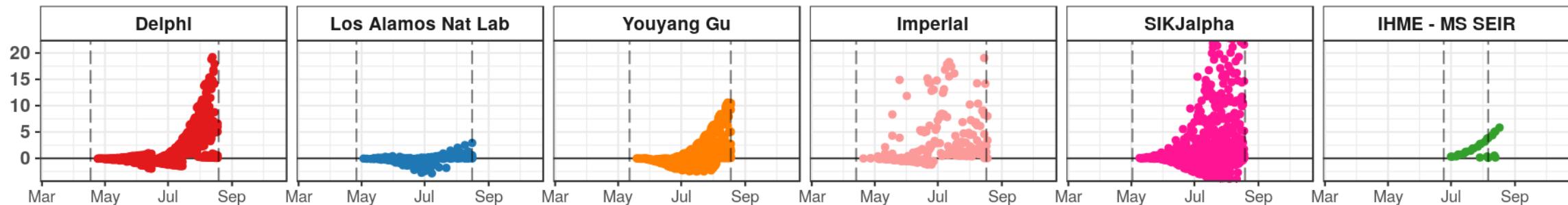
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



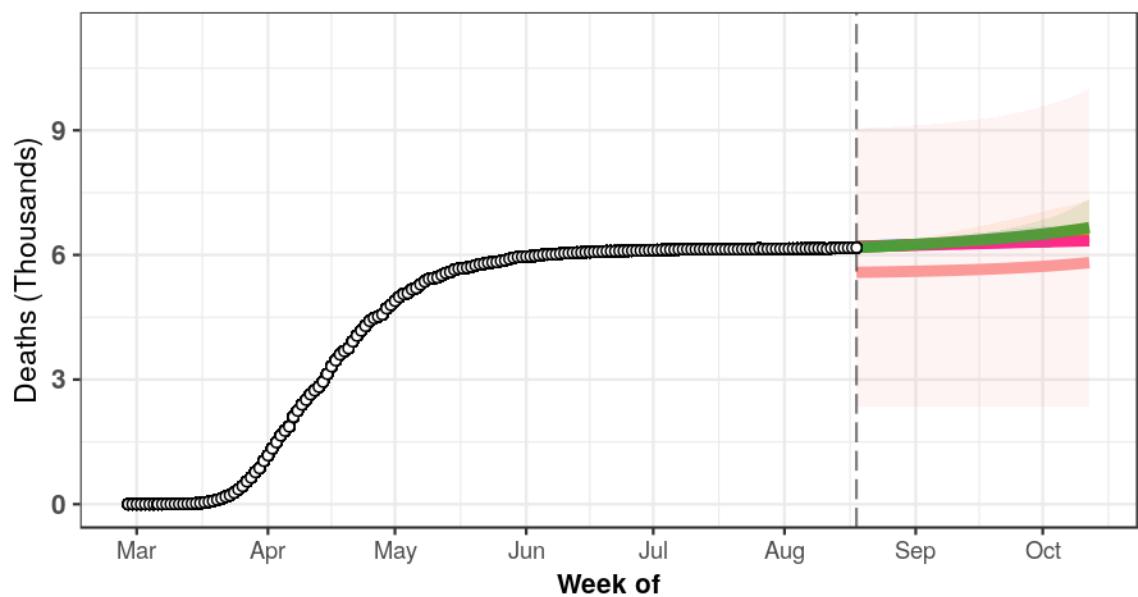
## All Cumulative Errors



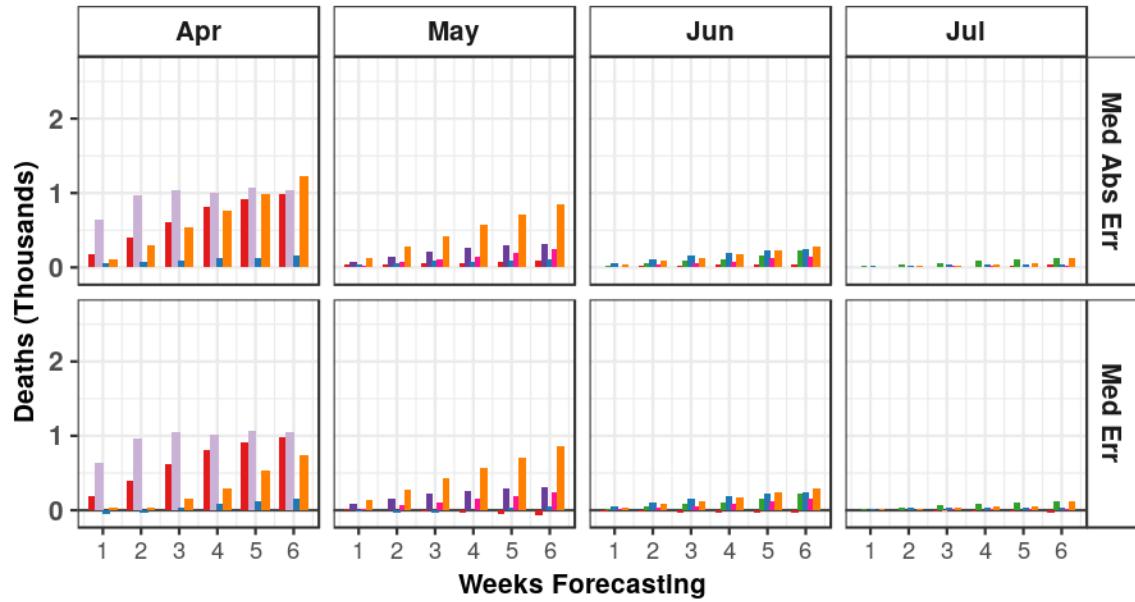
# Netherlands

## Current Forecast

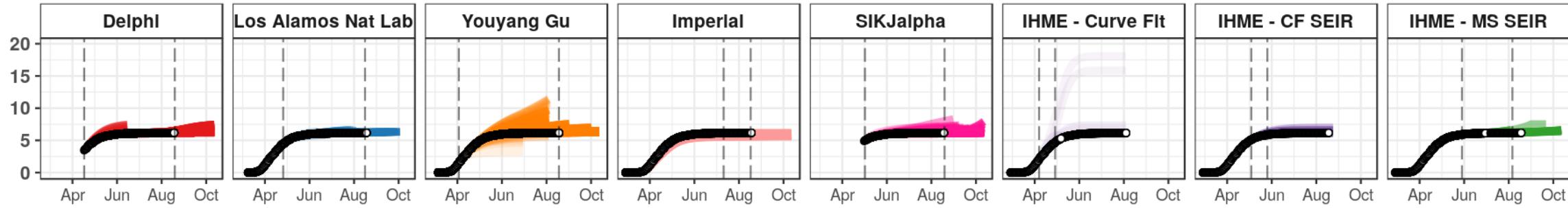
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



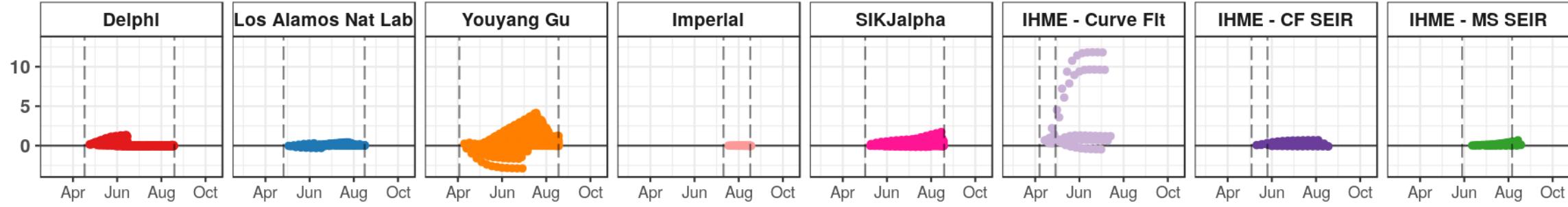
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



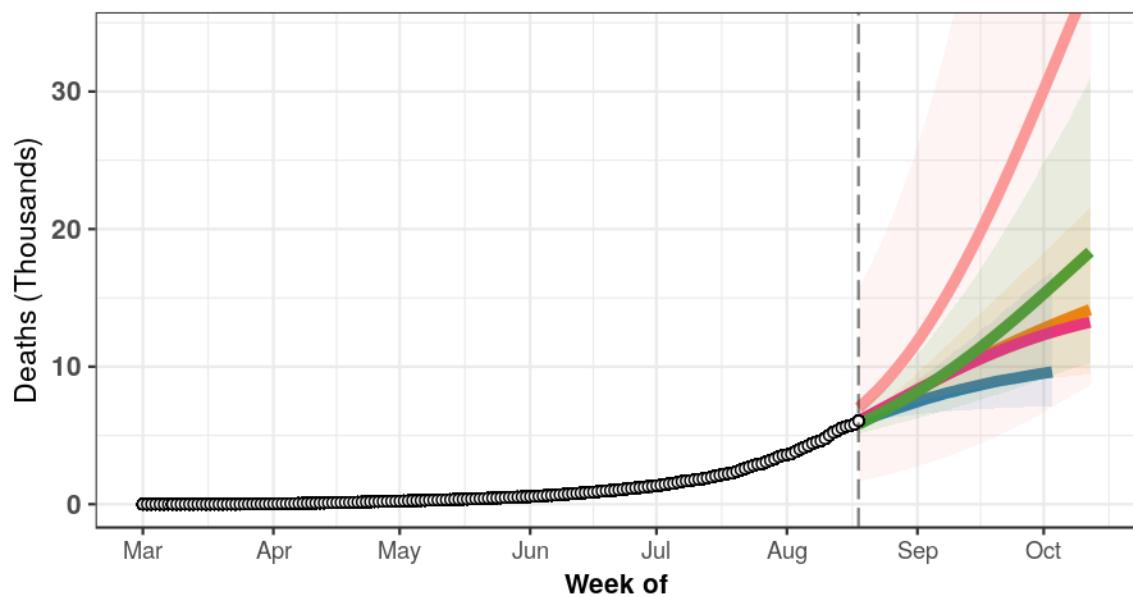
## All Cumulative Errors



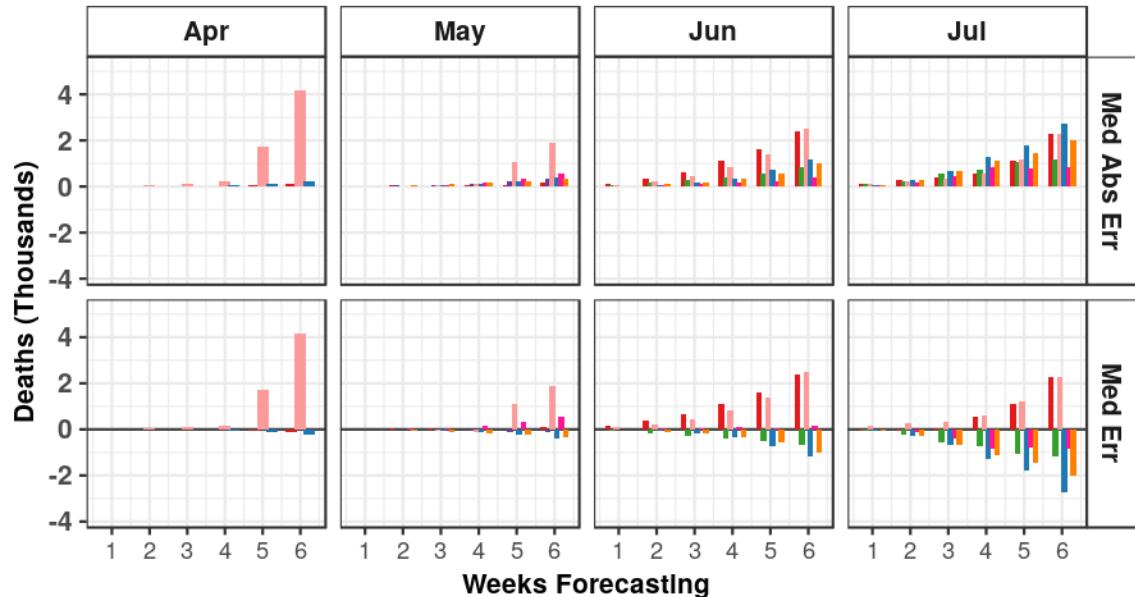
# Argentina

## Current Forecast

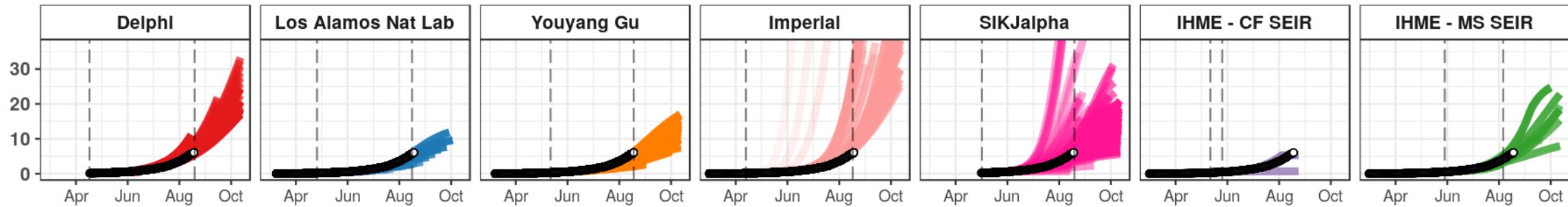
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



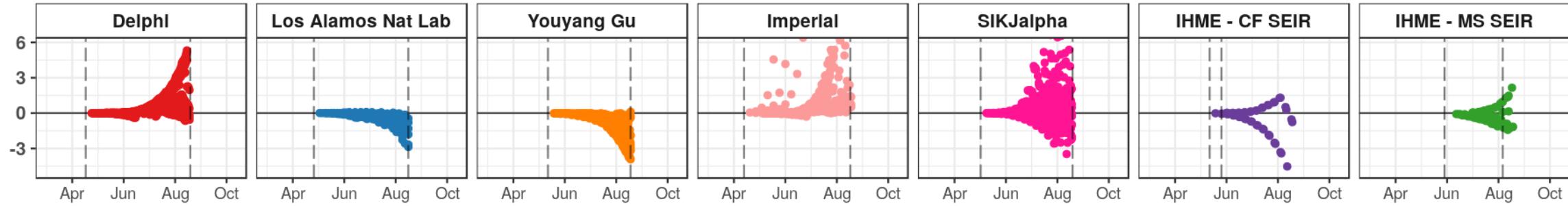
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



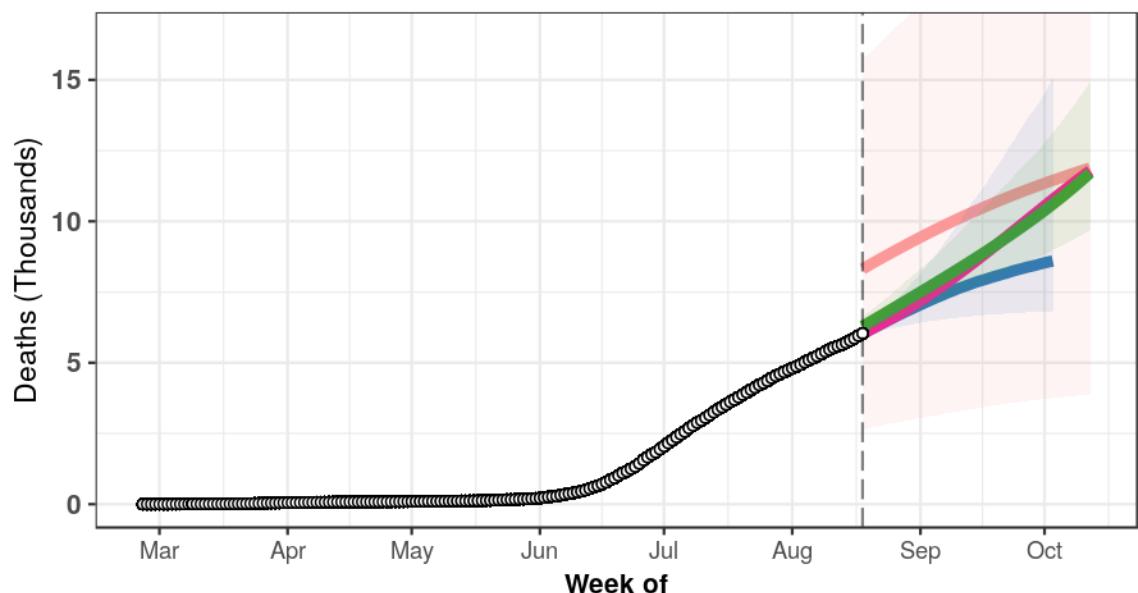
## All Cumulative Errors



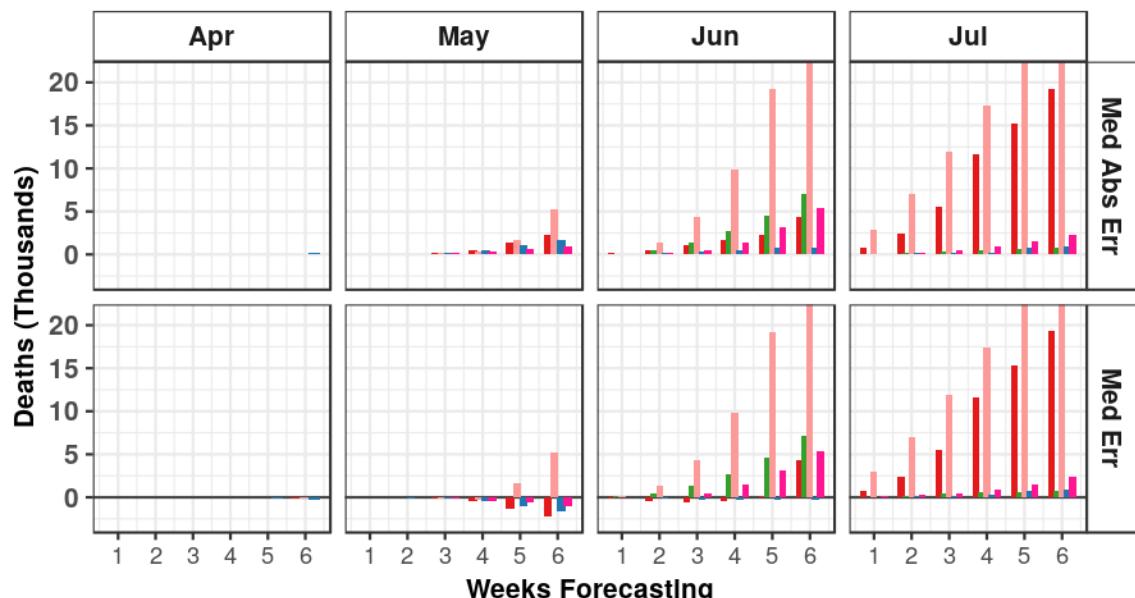
# Iraq

## Current Forecast

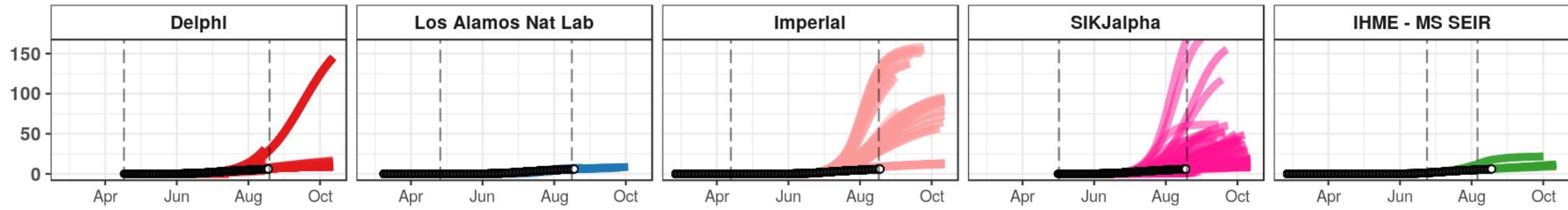
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



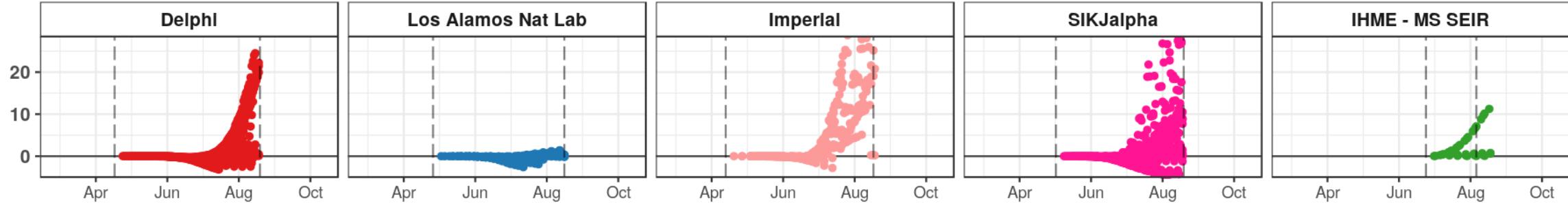
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



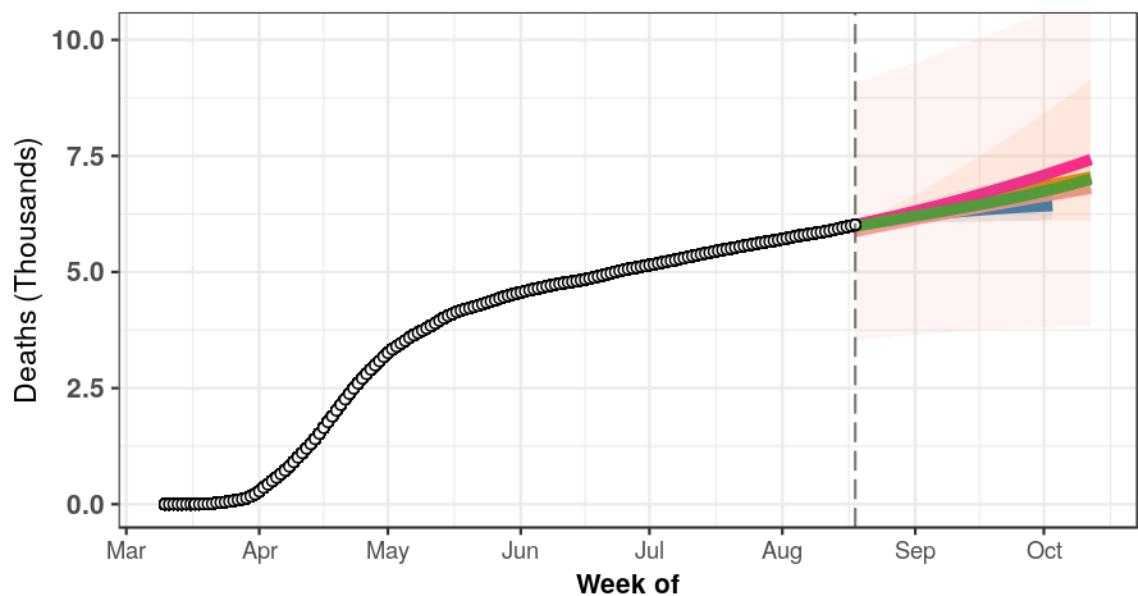
## All Cumulative Errors



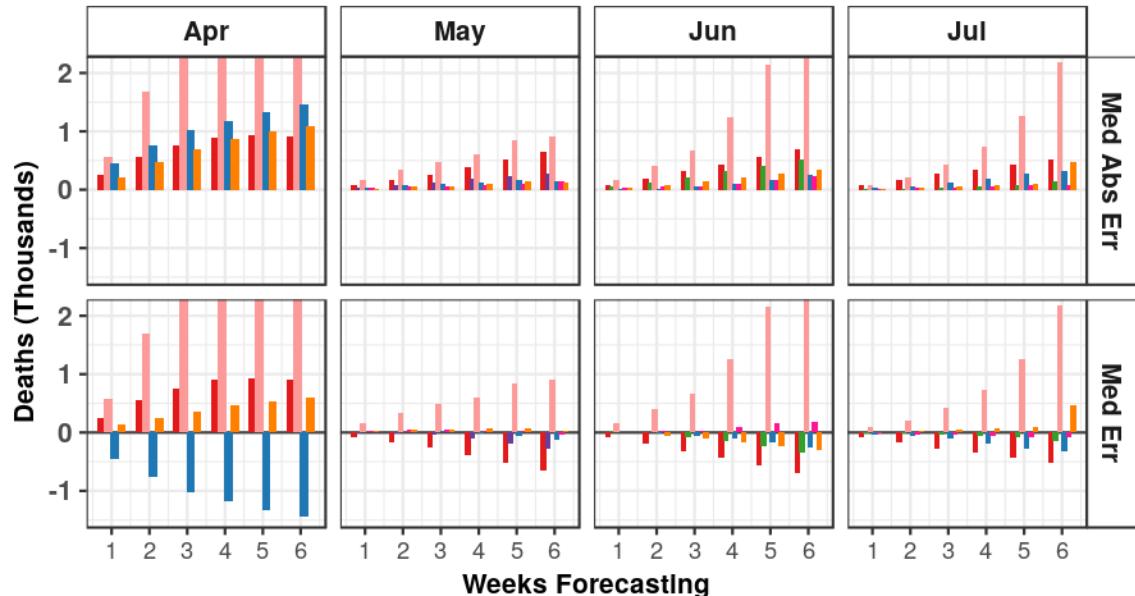
# Turkey

## Current Forecast

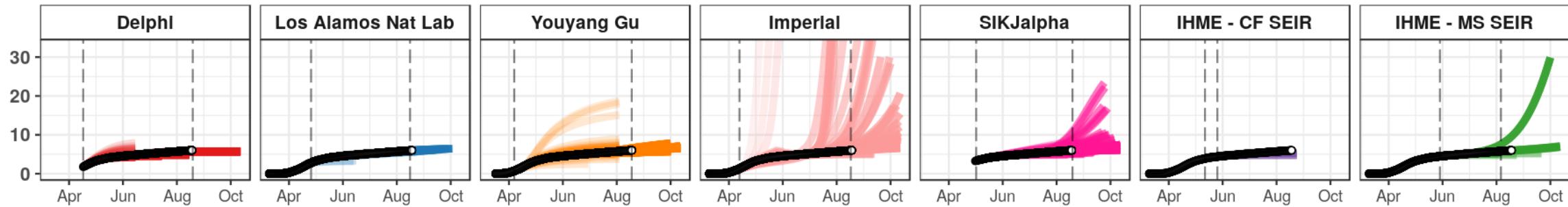
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



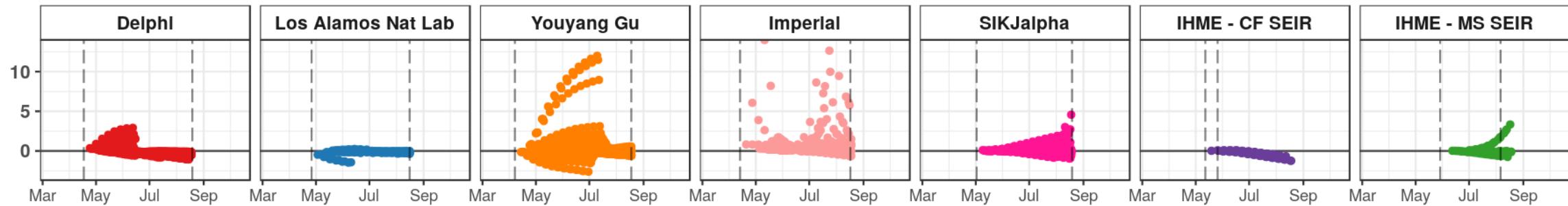
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



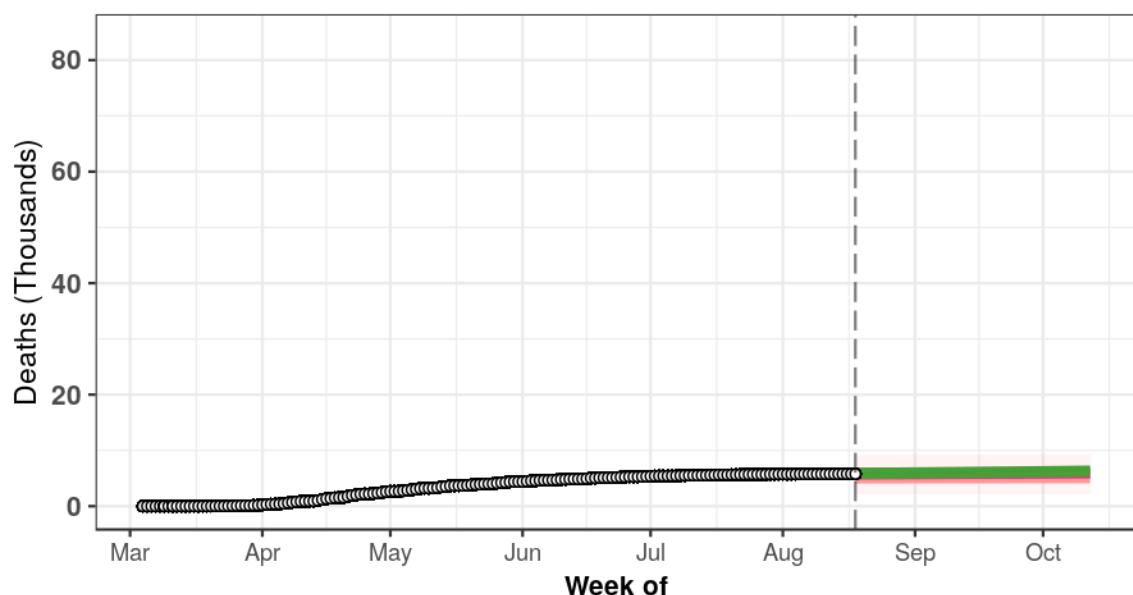
## All Cumulative Errors



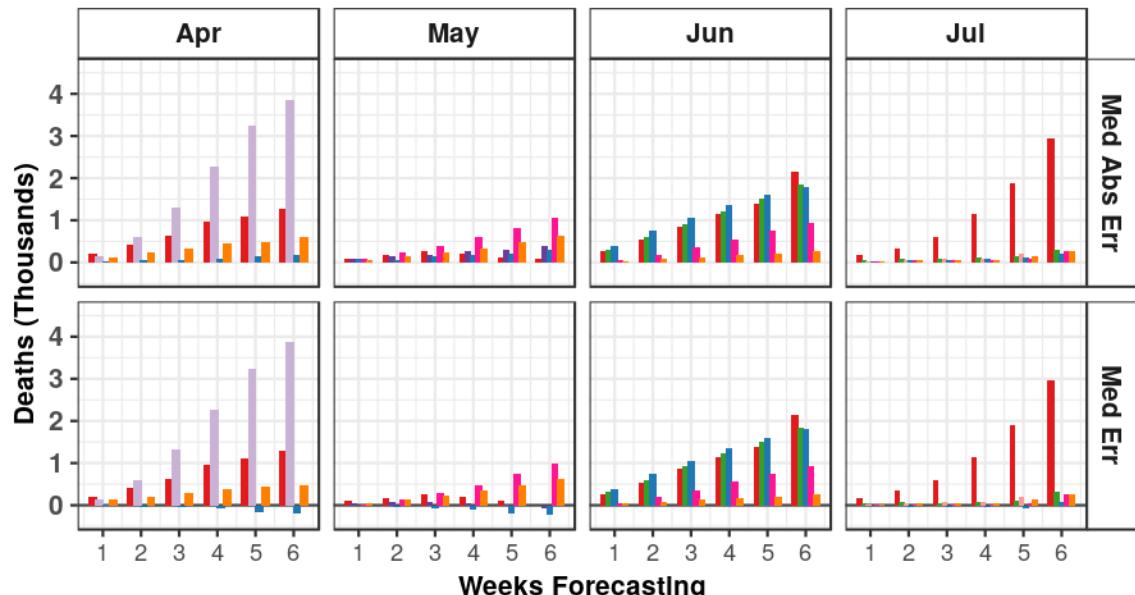
# Sweden

## Current Forecast

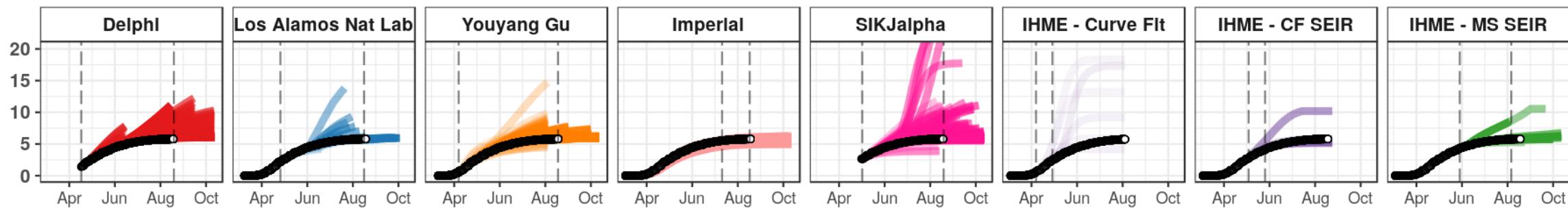
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



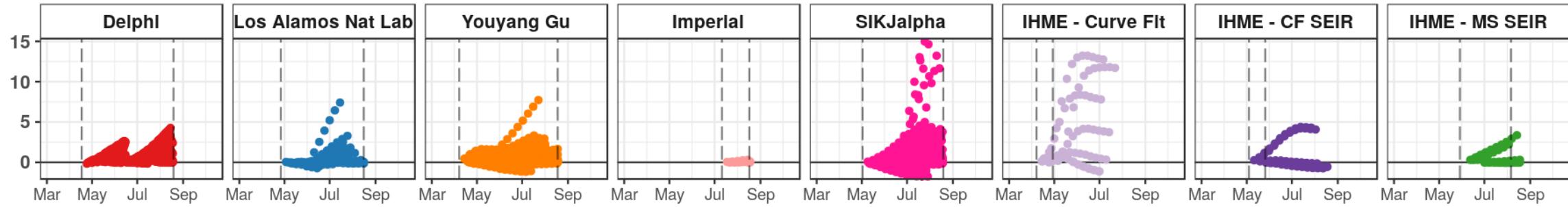
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



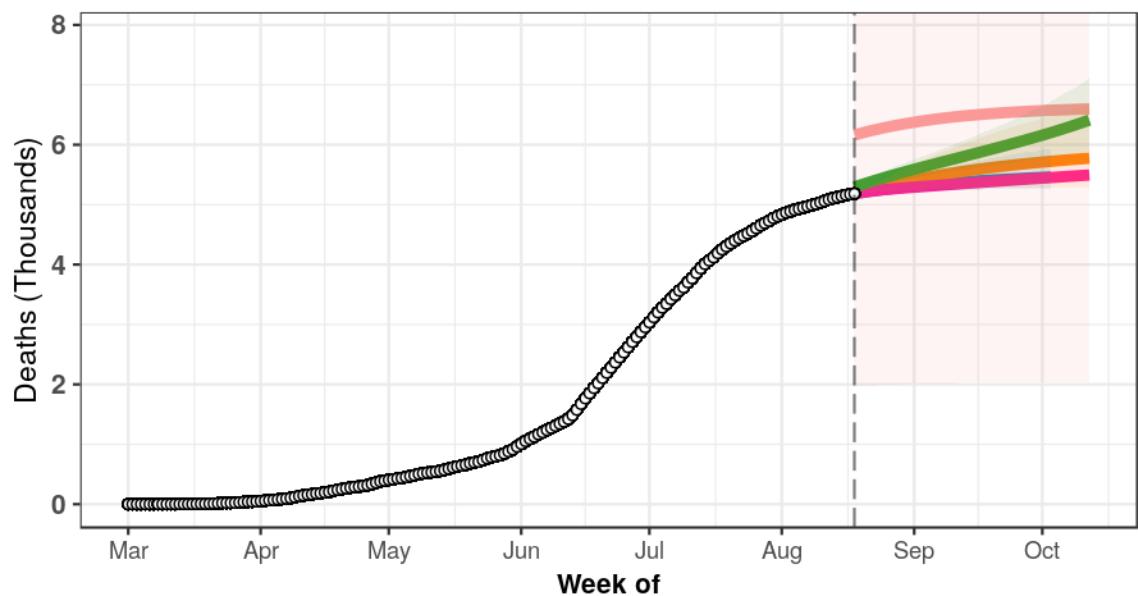
## All Cumulative Errors



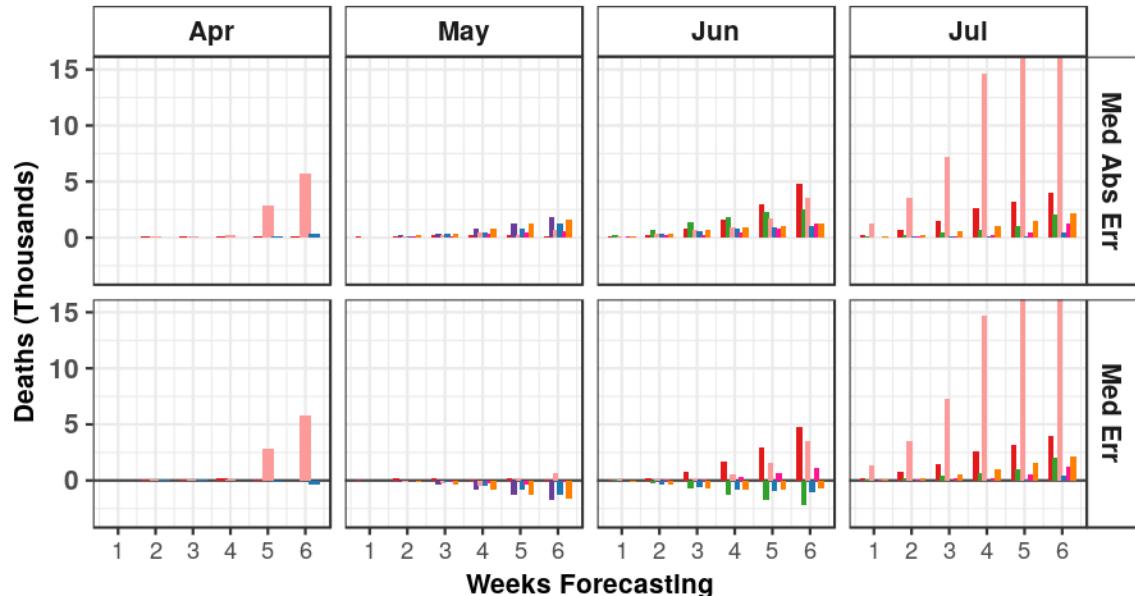
# Egypt

## Current Forecast

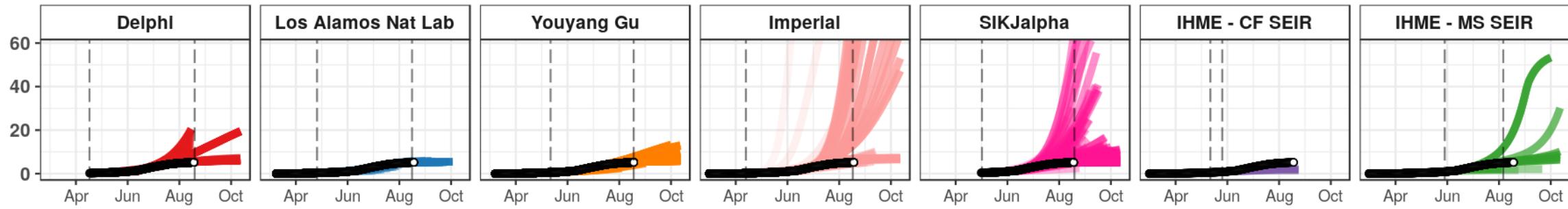
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



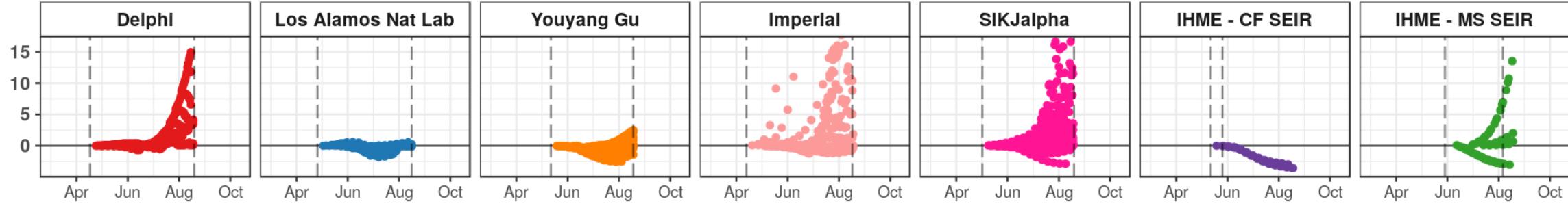
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



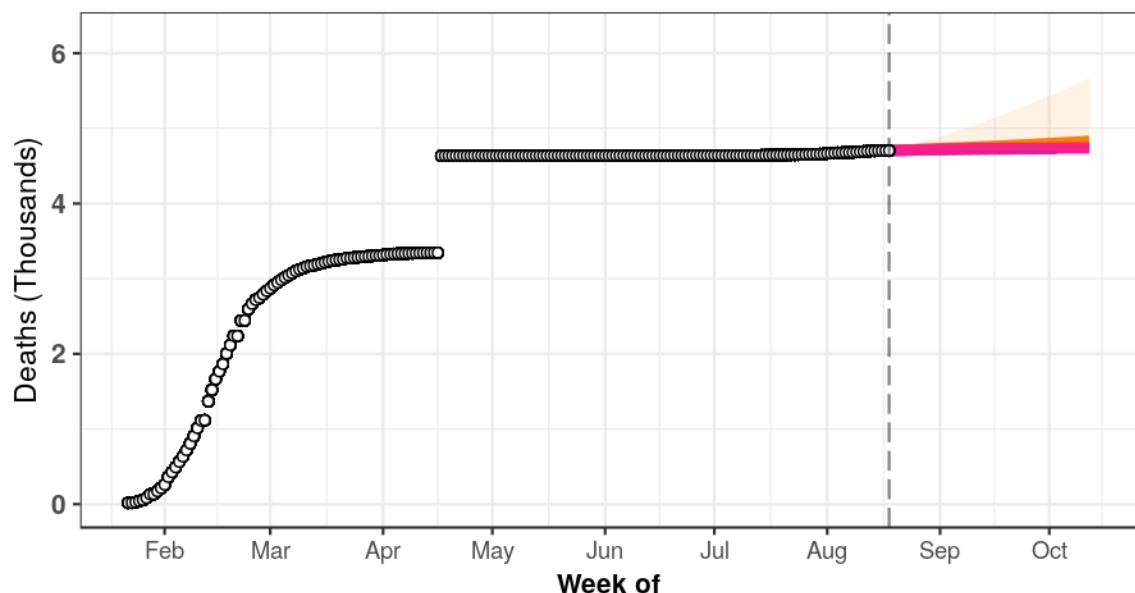
## All Cumulative Errors



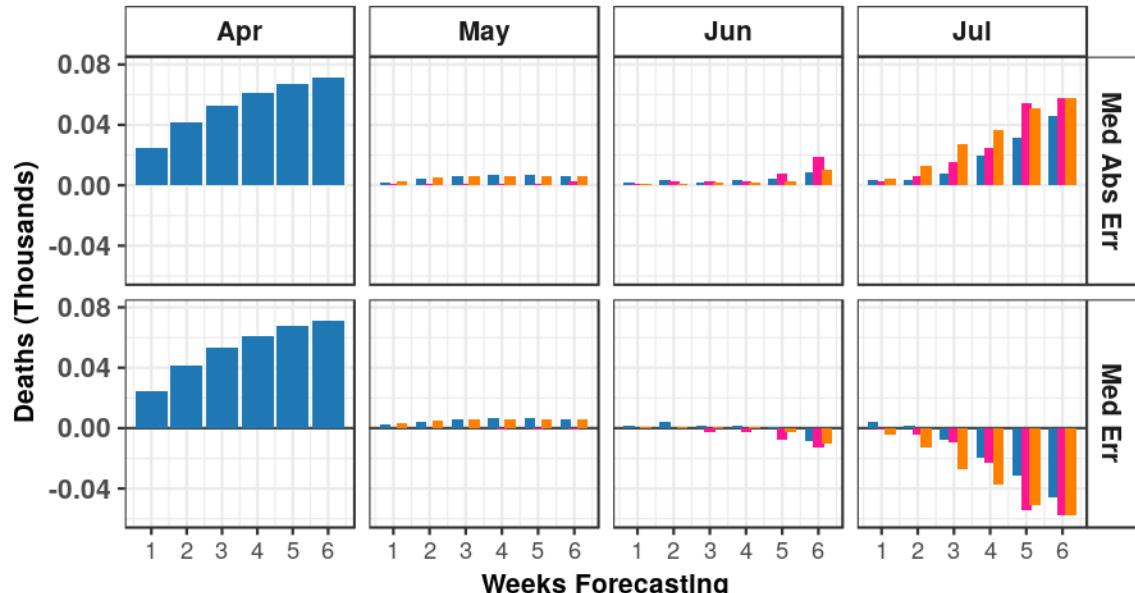
# China

## Current Forecast

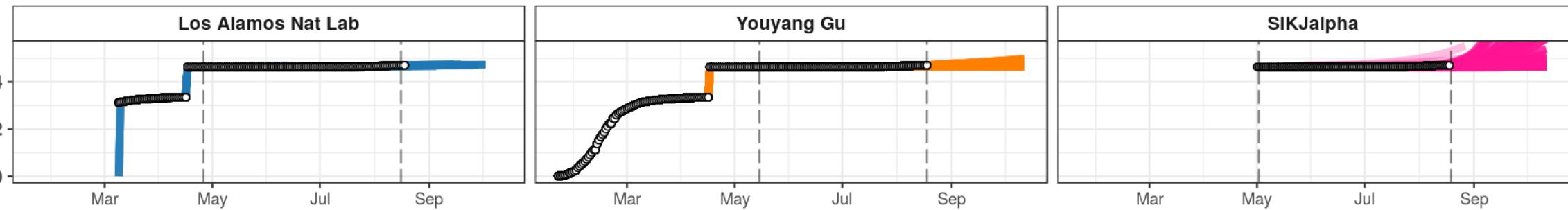
Los Alamos Nat Lab   Youyang Gu   SIKJalpha



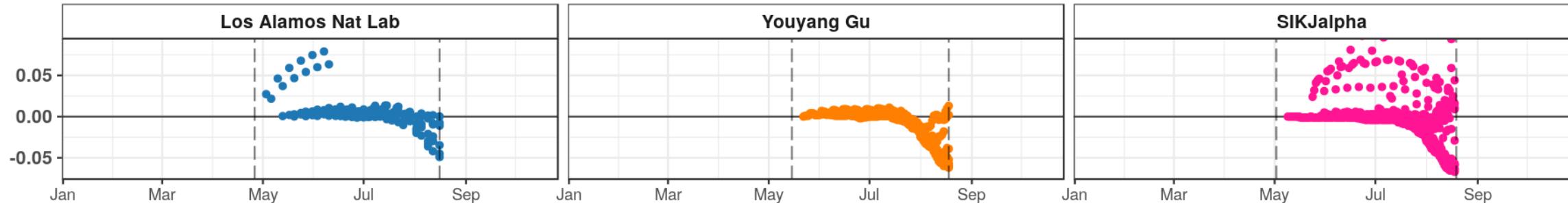
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



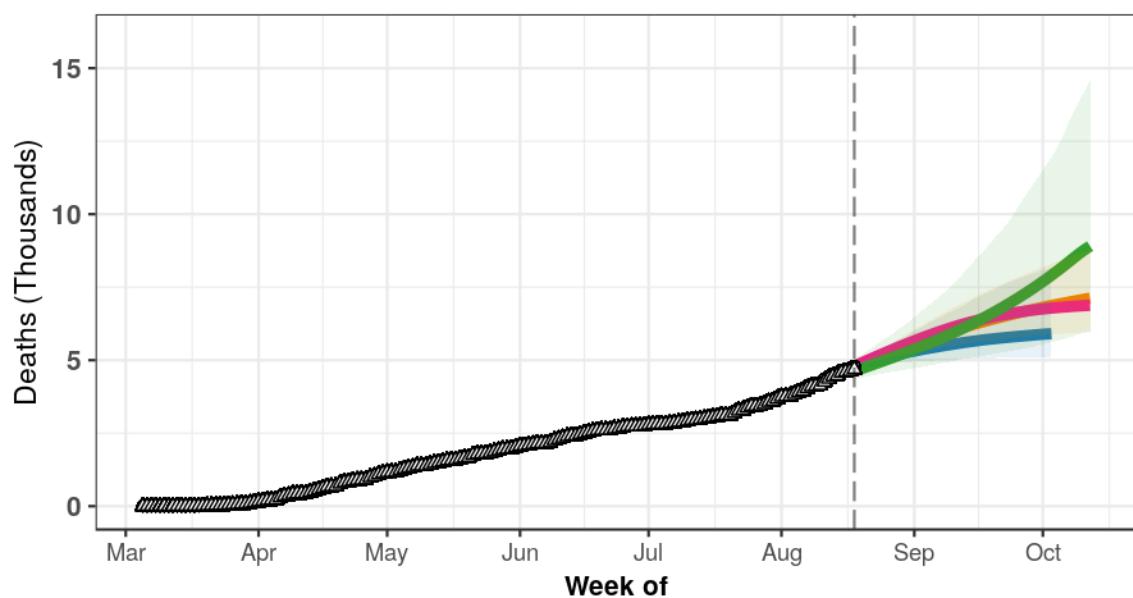
## All Cumulative Errors



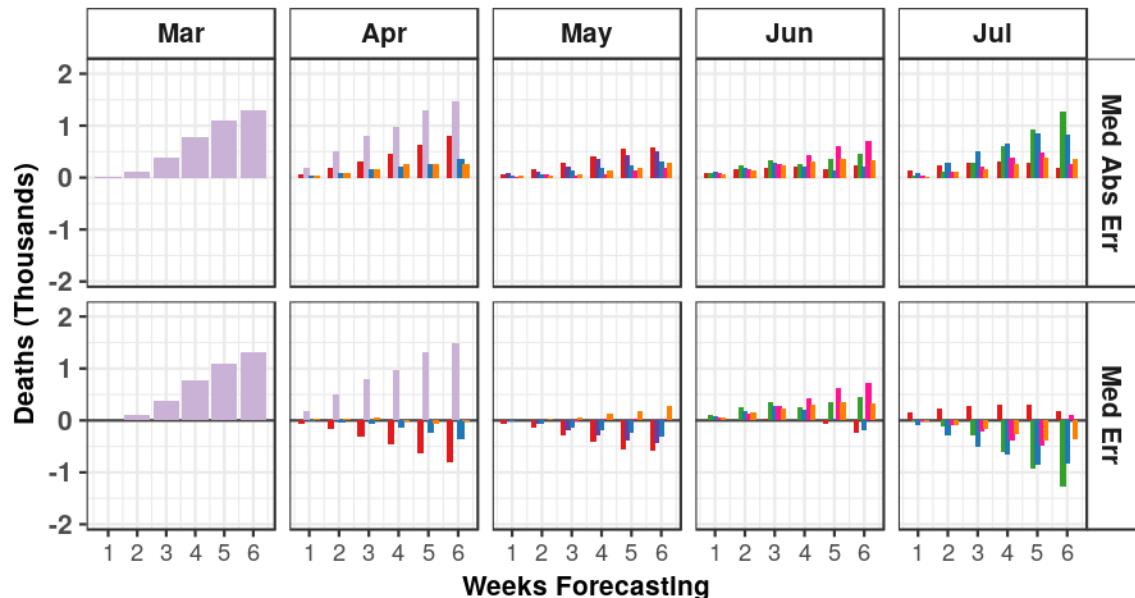
# Georgia

## Current Forecast

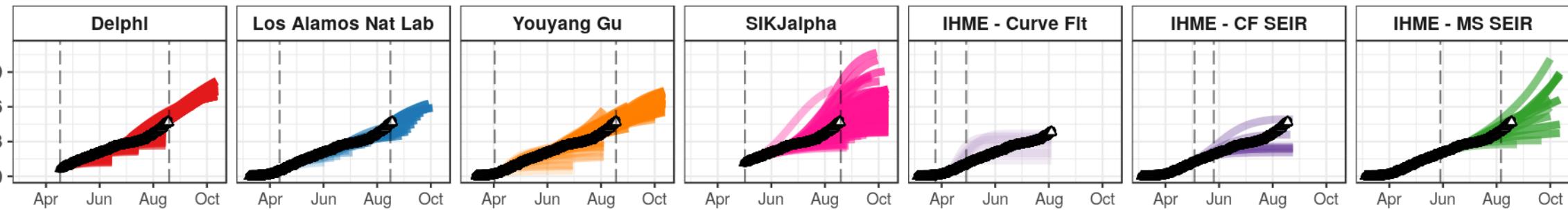
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



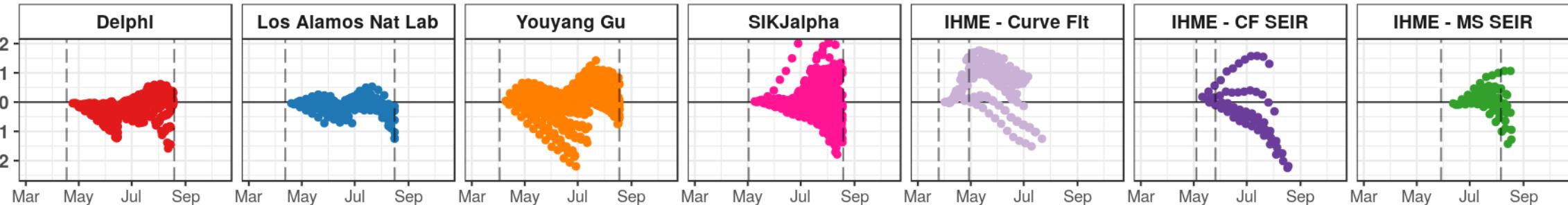
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

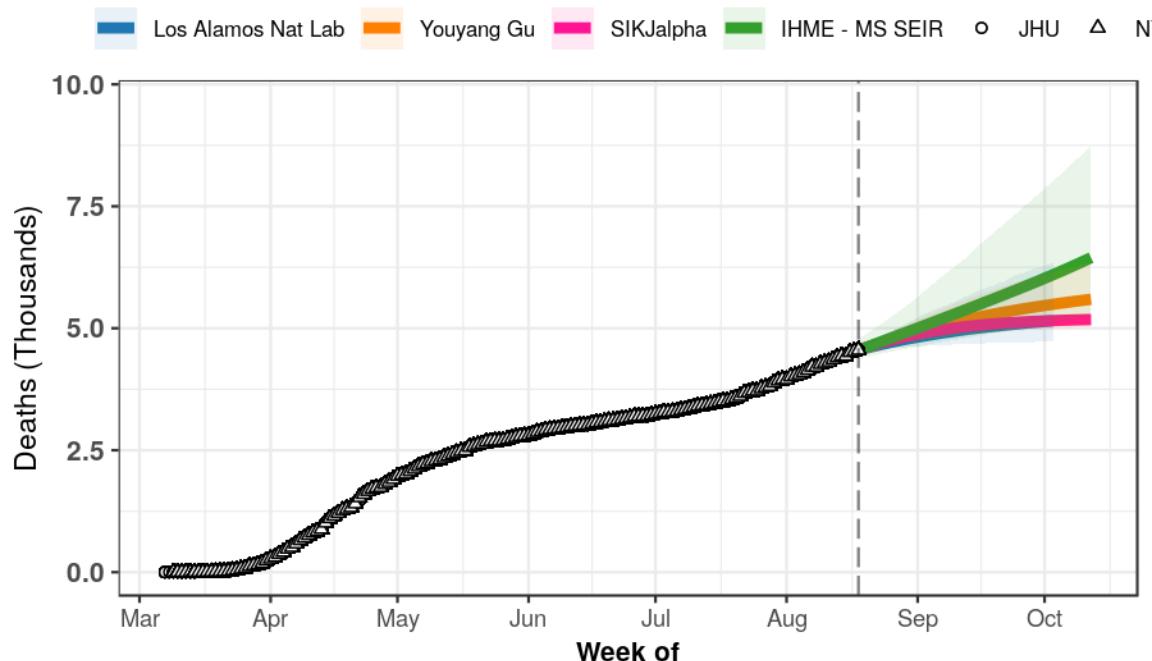


## All Cumulative Errors

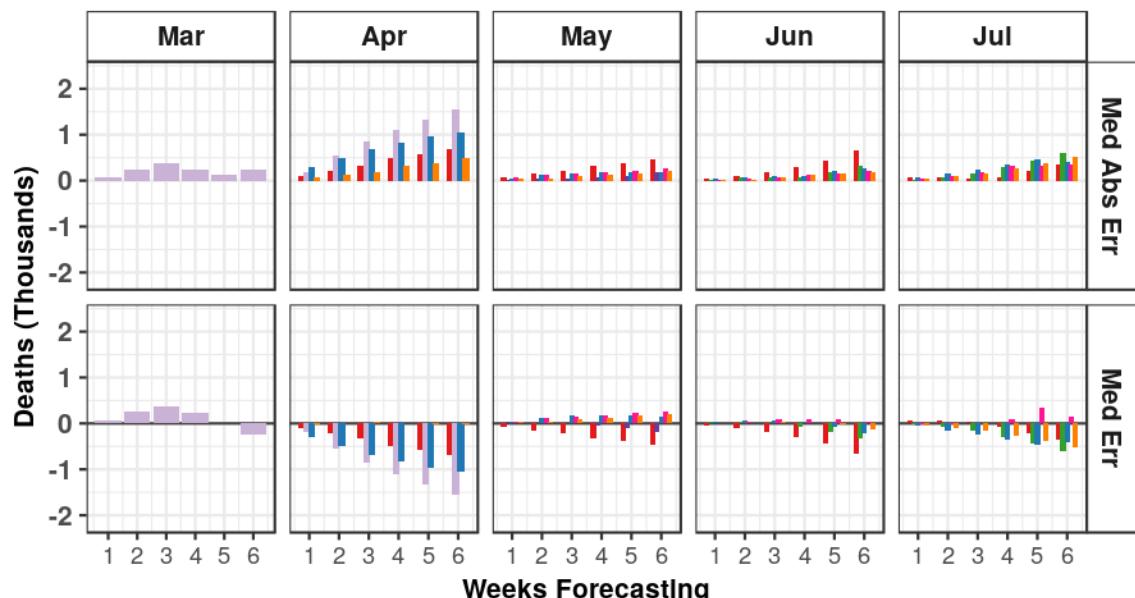


# Louisiana

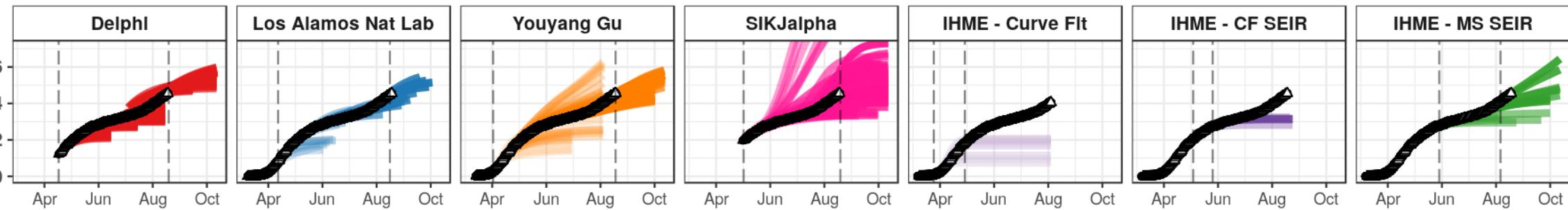
## Current Forecast



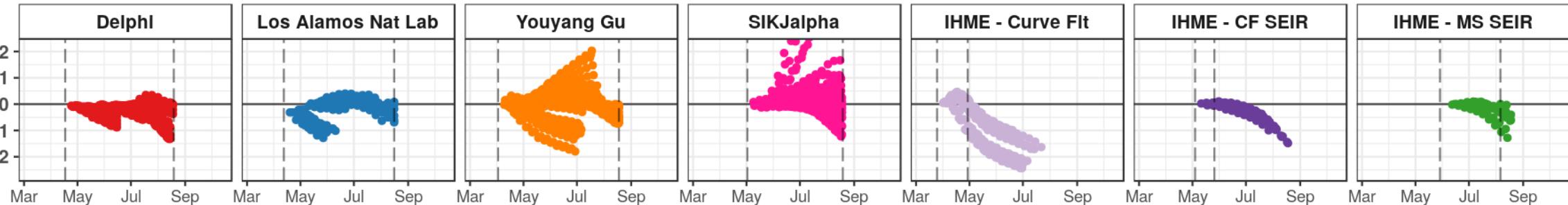
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



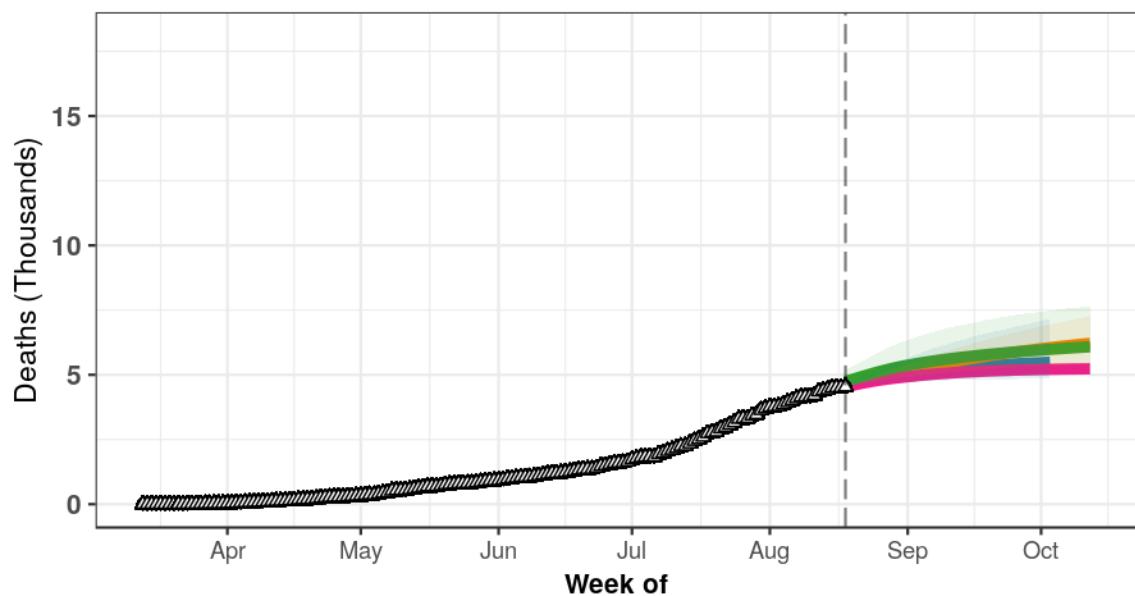
## All Cumulative Errors



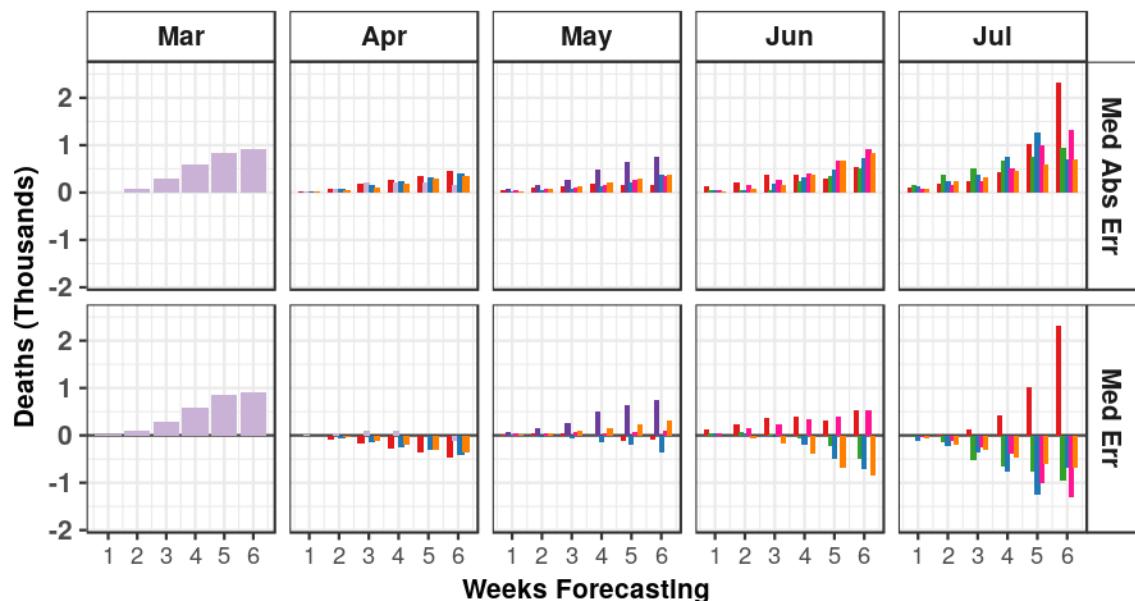
# Arizona

## Current Forecast

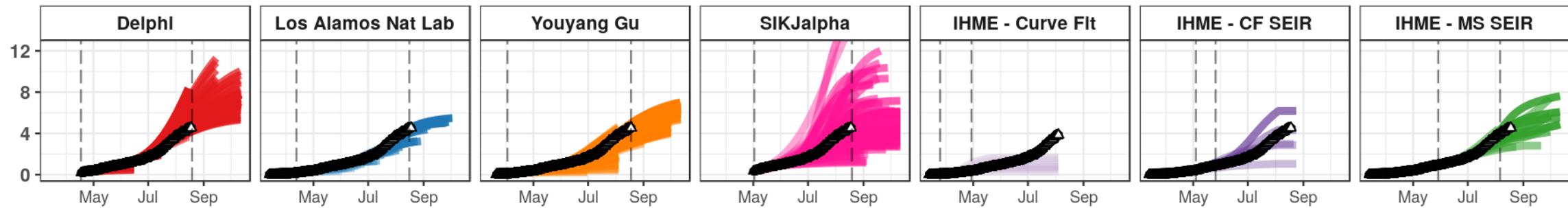
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



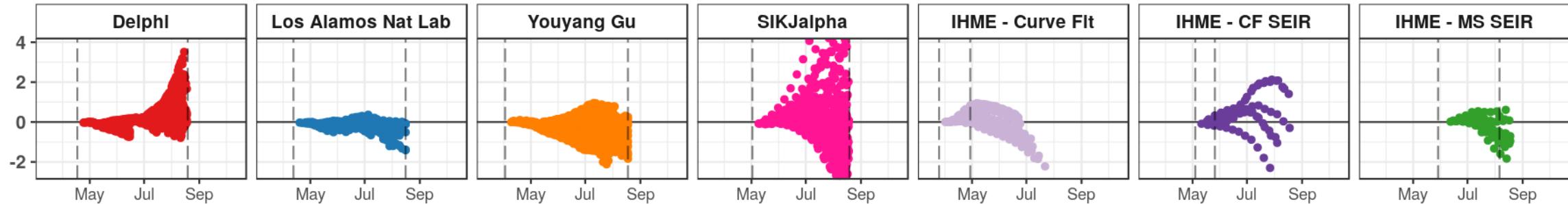
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



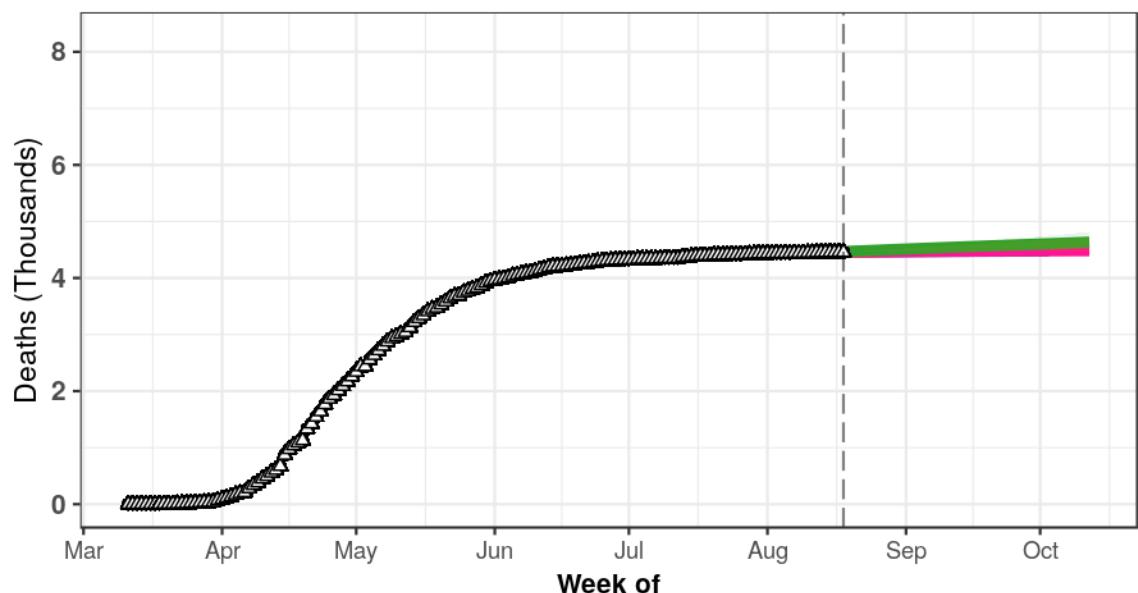
## All Cumulative Errors



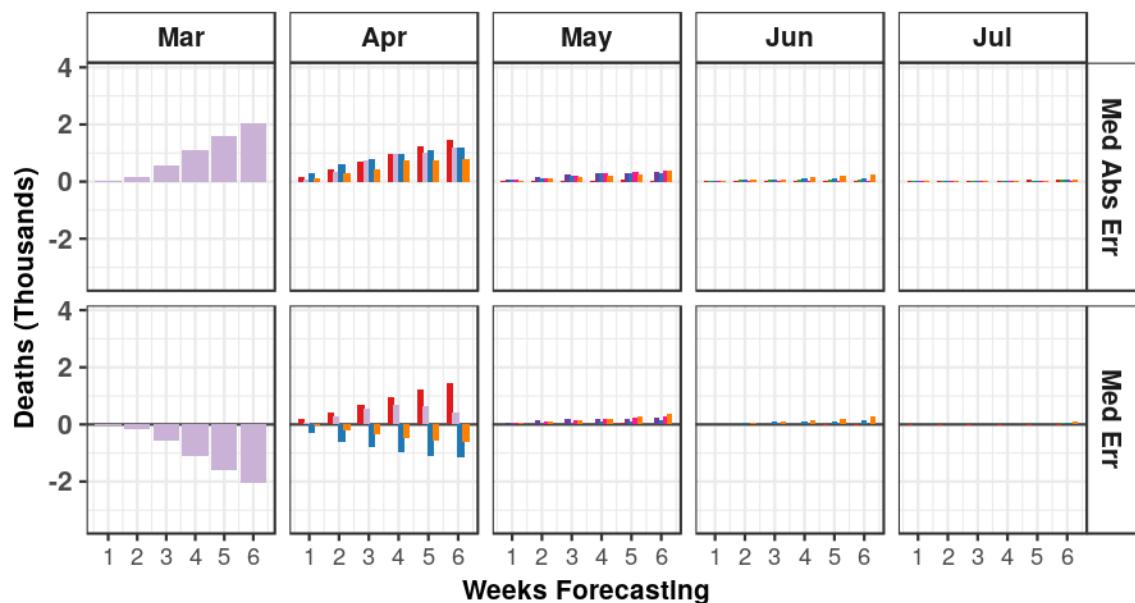
# Connecticut

## Current Forecast

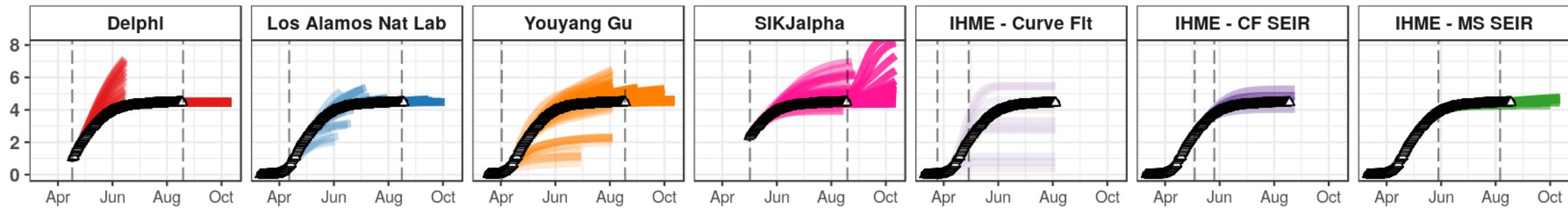
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



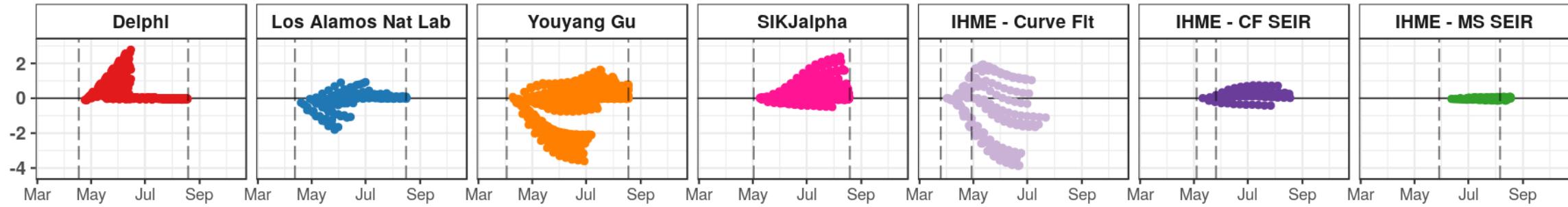
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



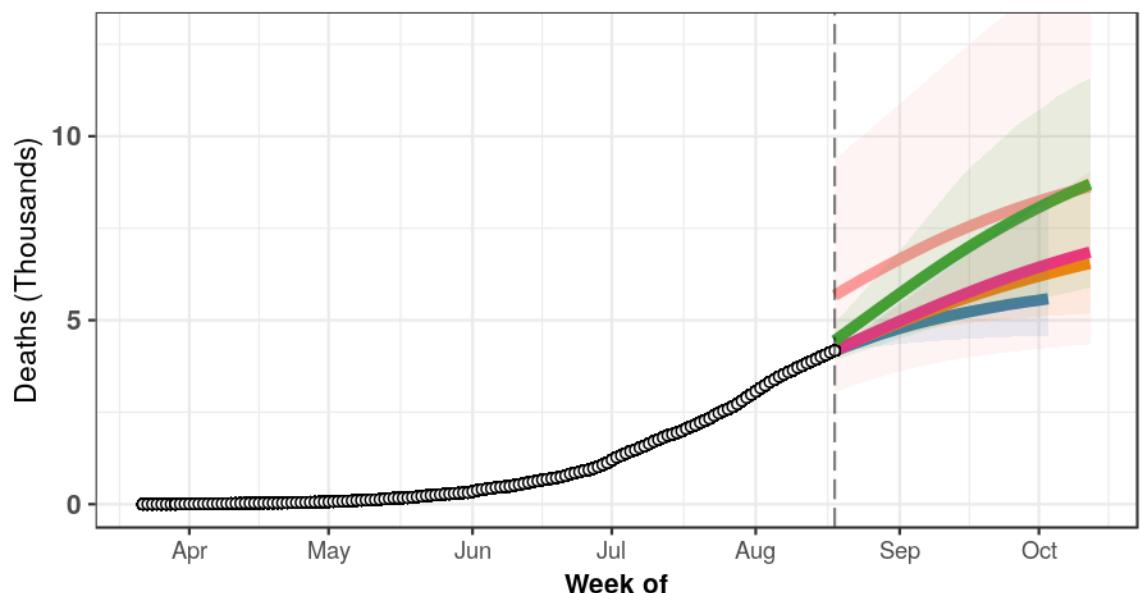
## All Cumulative Errors



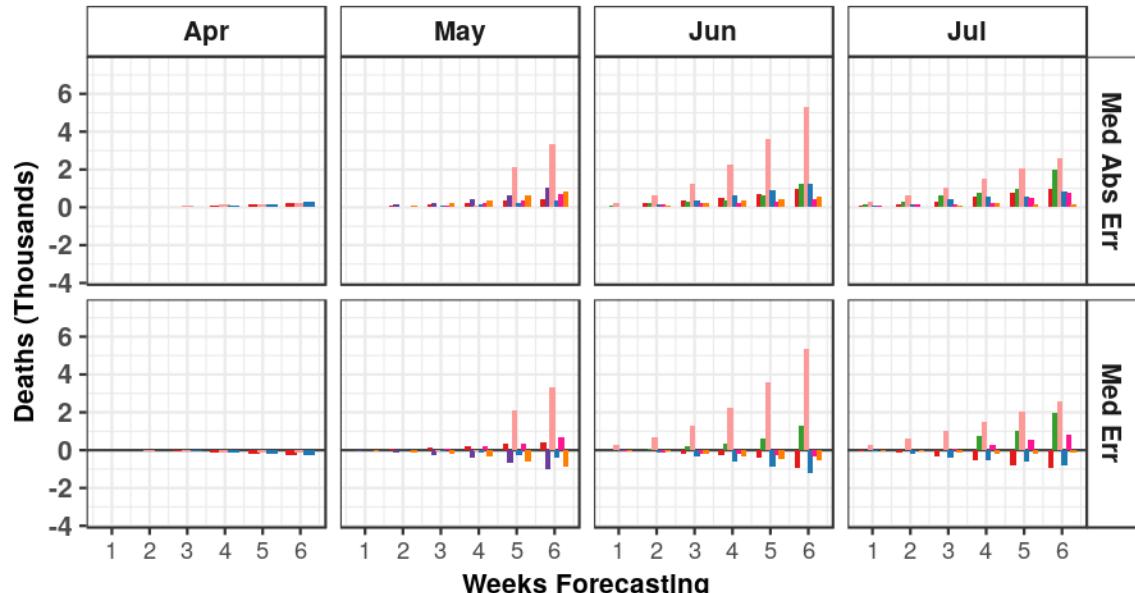
# Bolivia

## Current Forecast

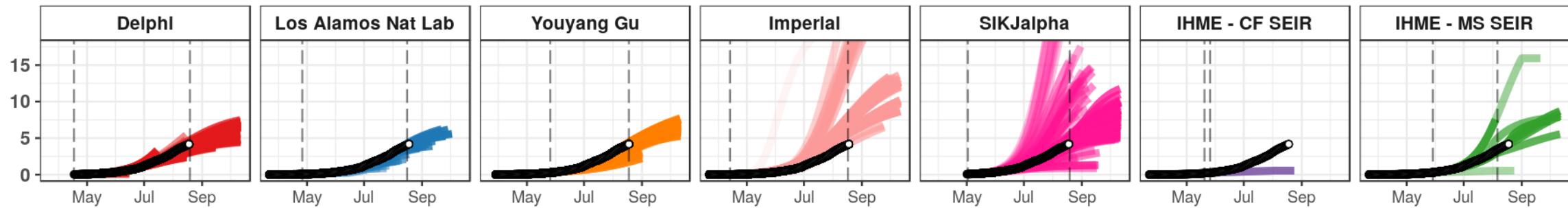
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



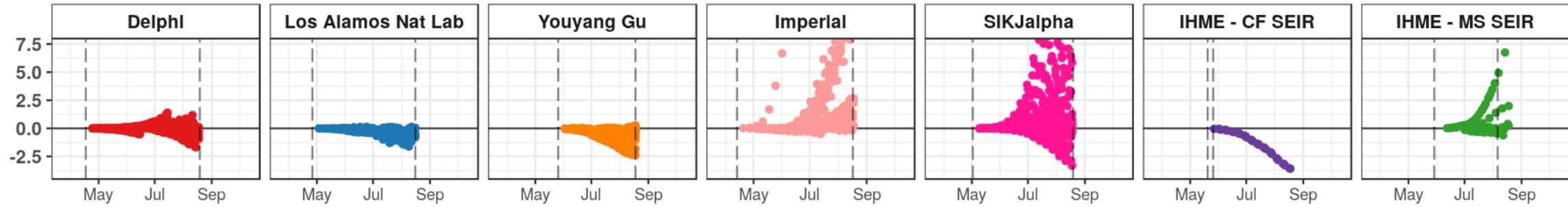
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



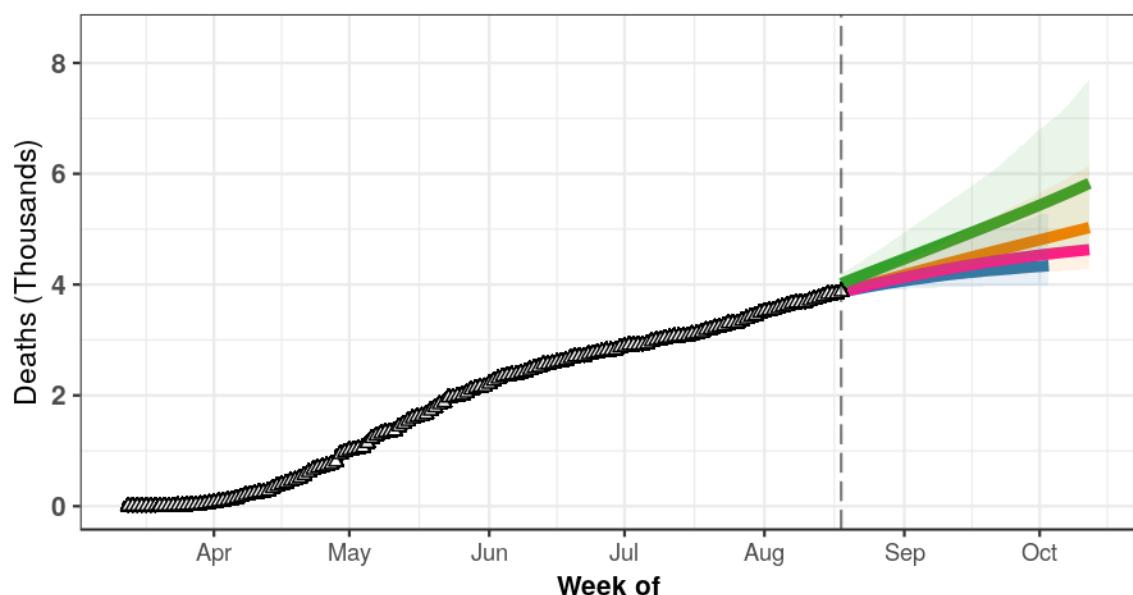
## All Cumulative Errors



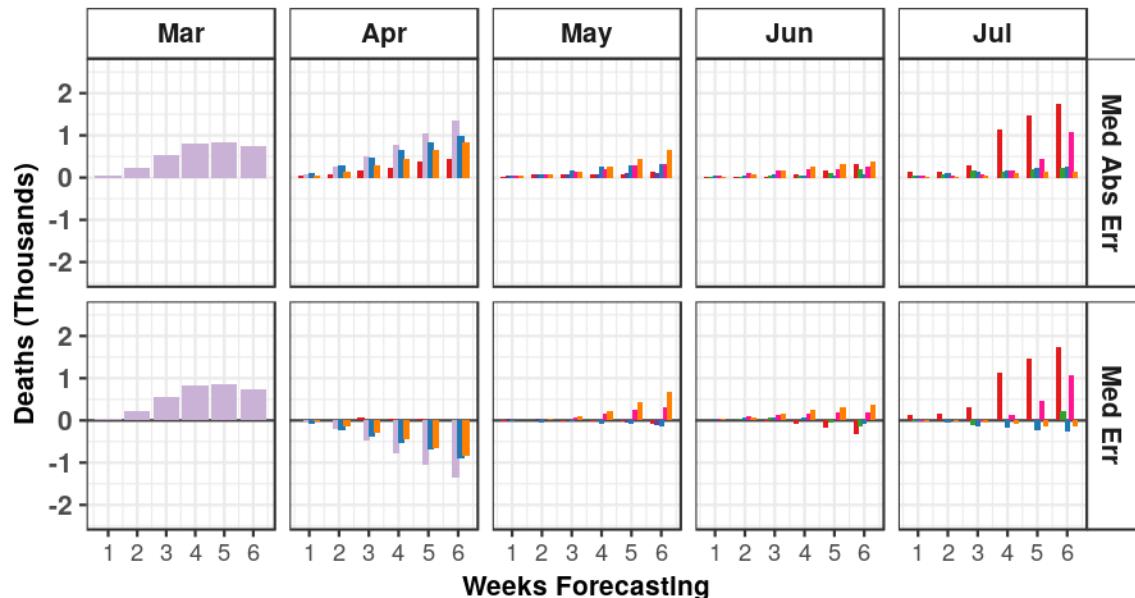
# Ohio

## Current Forecast

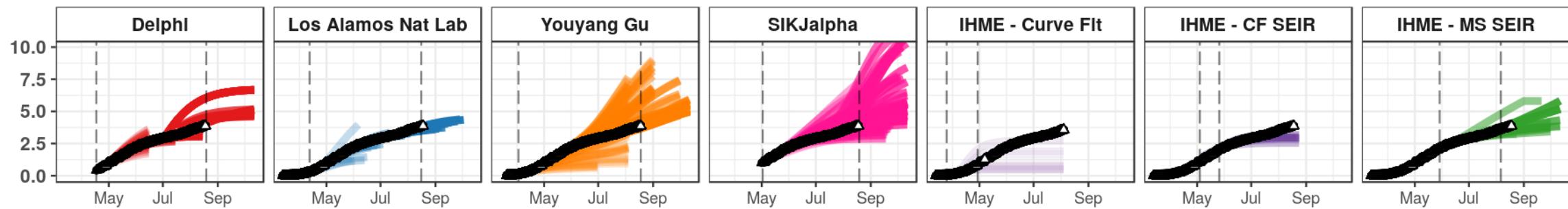
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



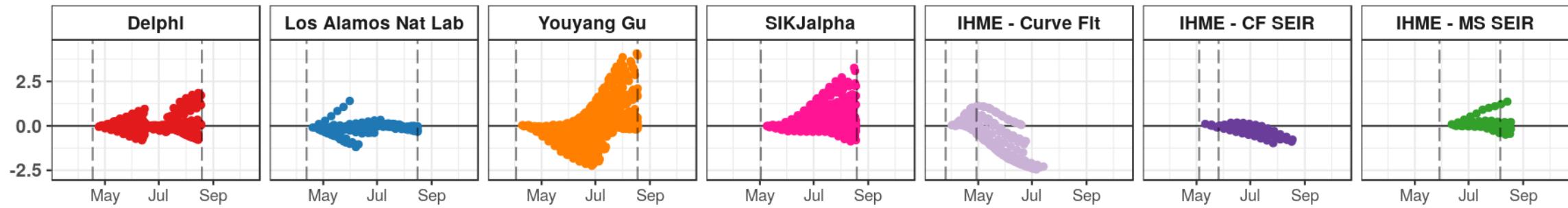
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



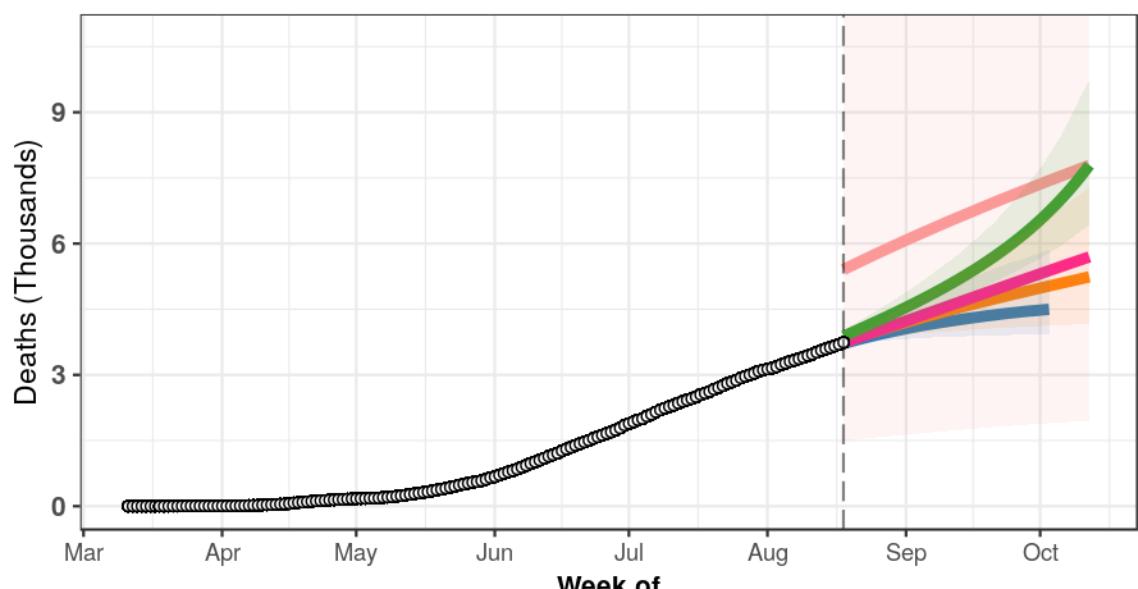
## All Cumulative Errors



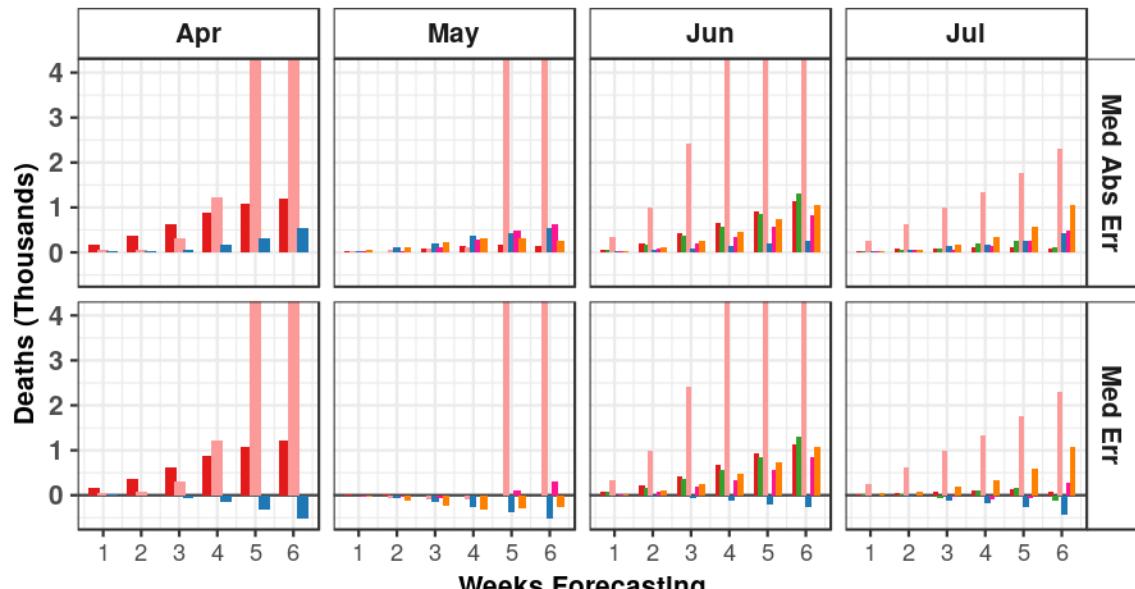
# Bangladesh

## Current Forecast

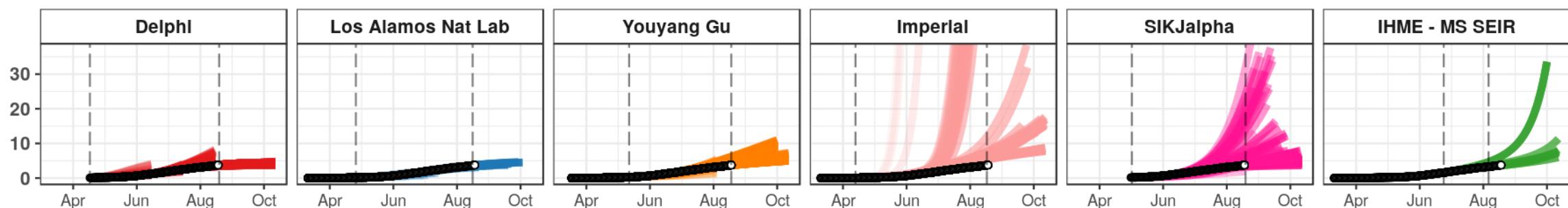
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



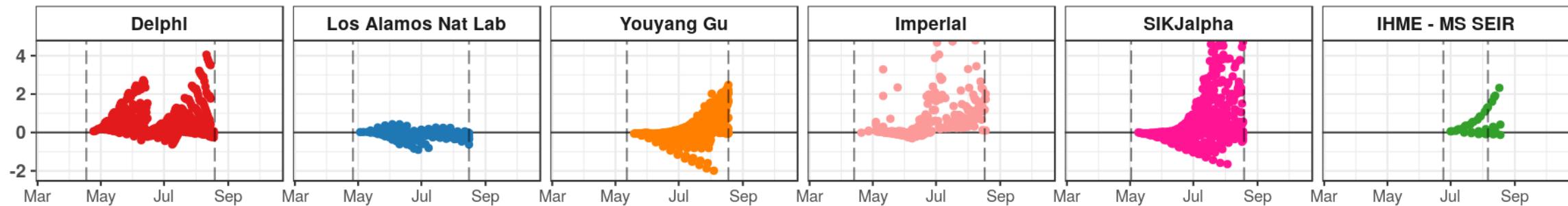
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



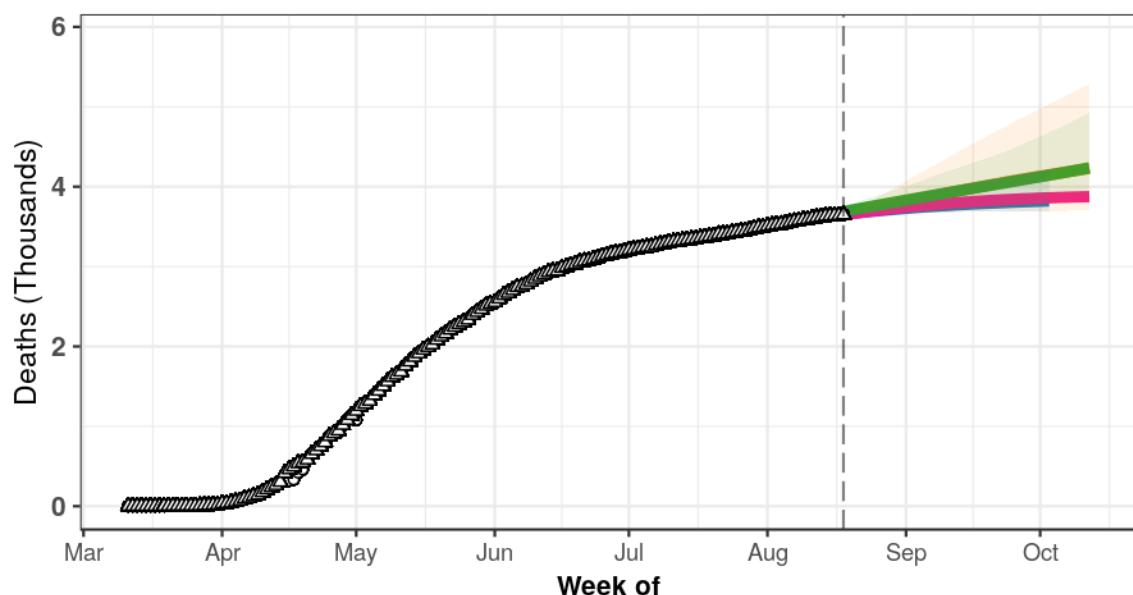
## All Cumulative Errors



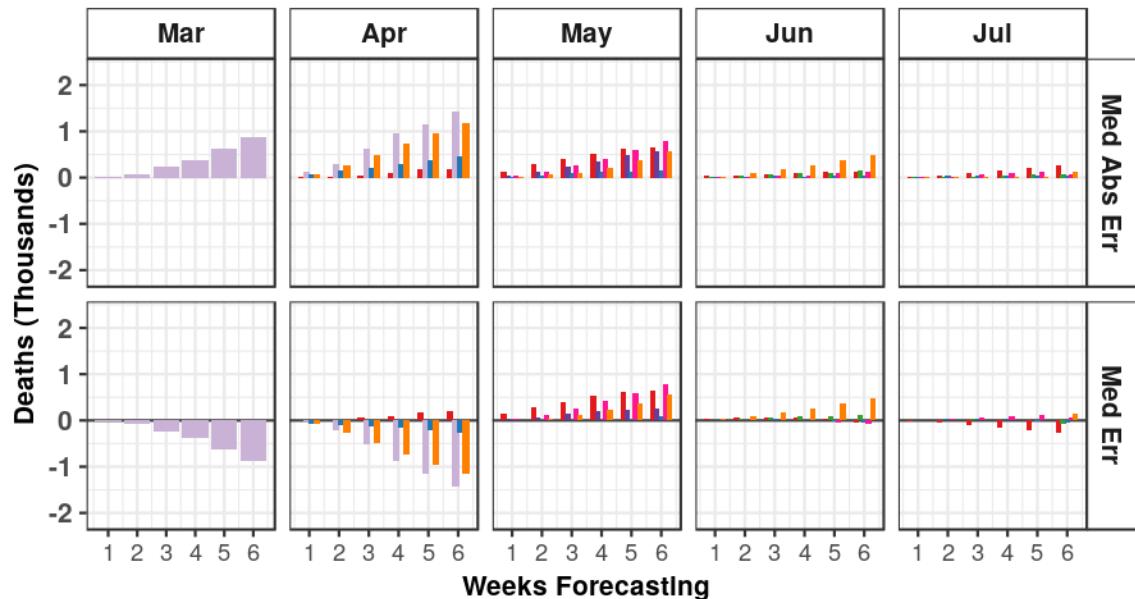
# Maryland

## Current Forecast

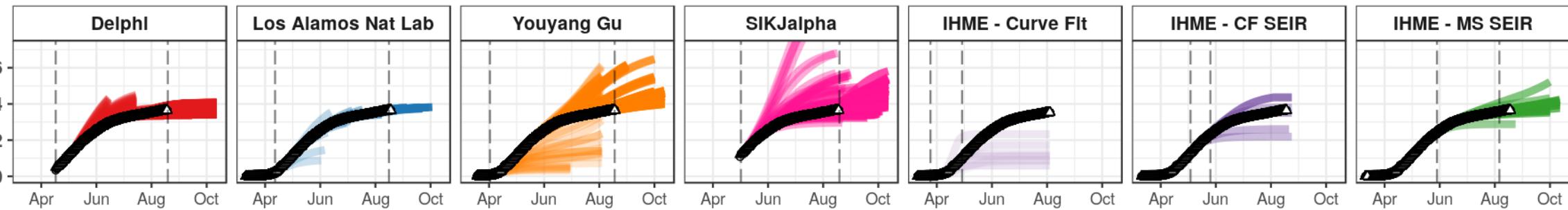
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



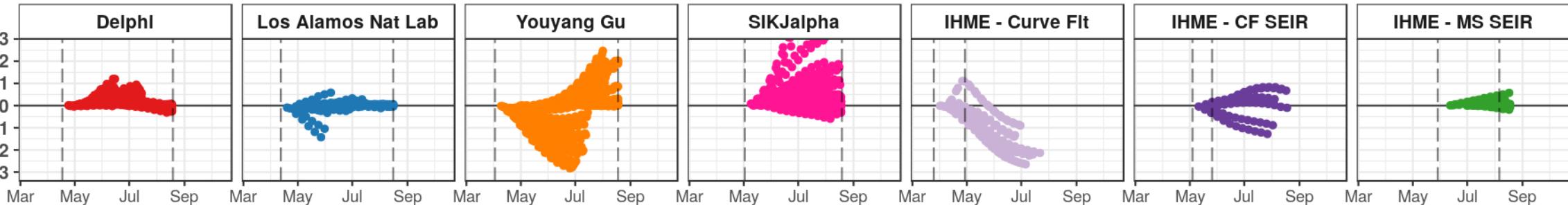
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

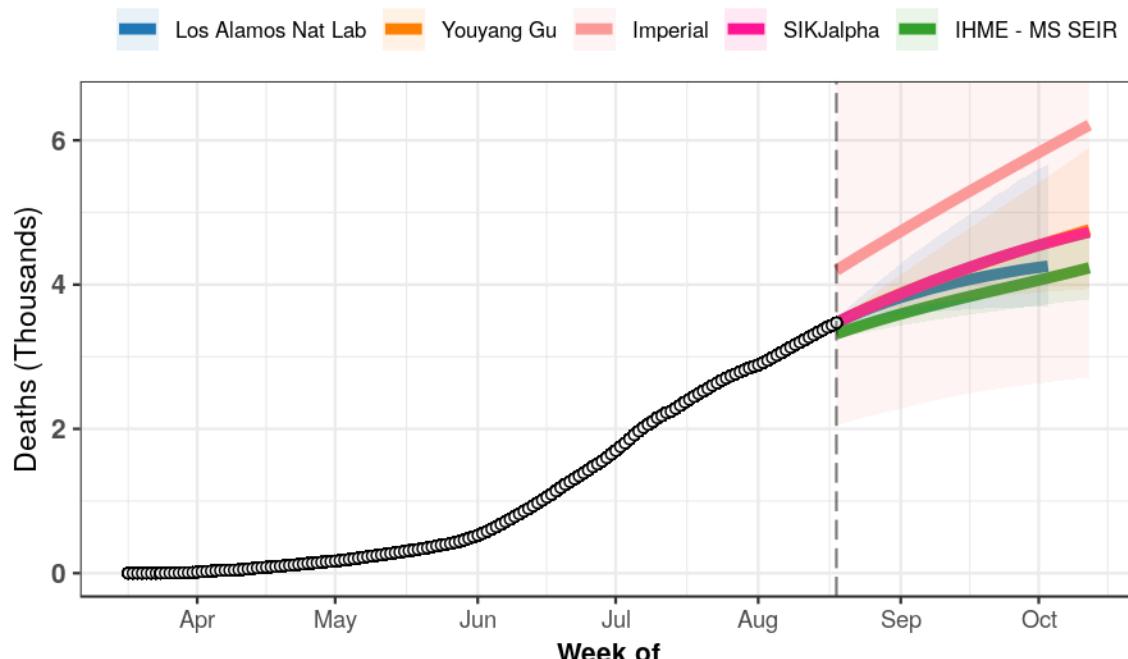


## All Cumulative Errors

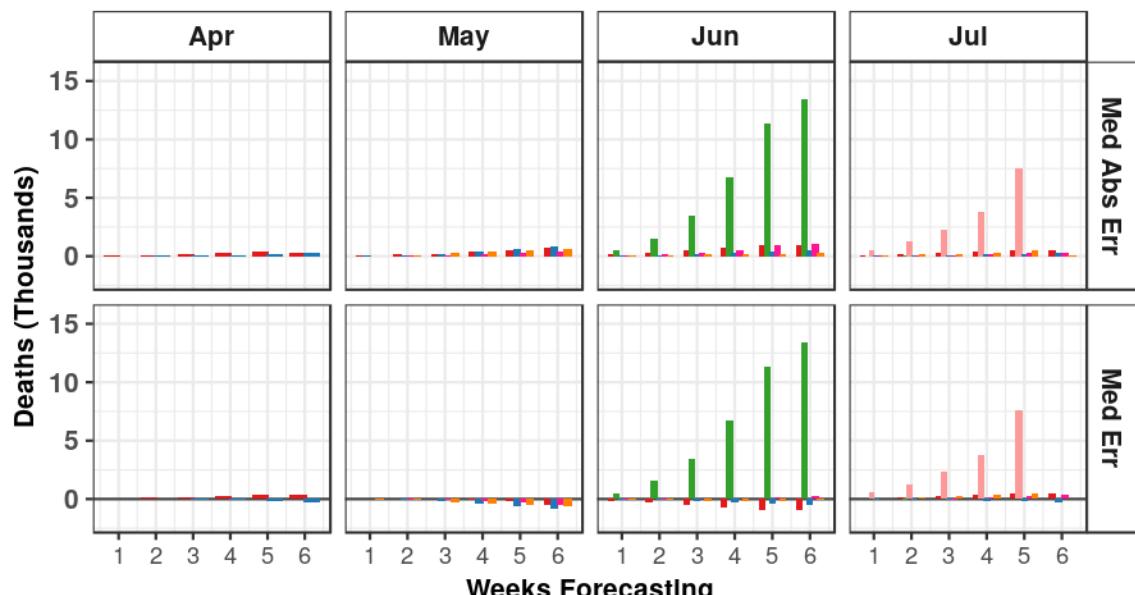


# Saudi Arabia

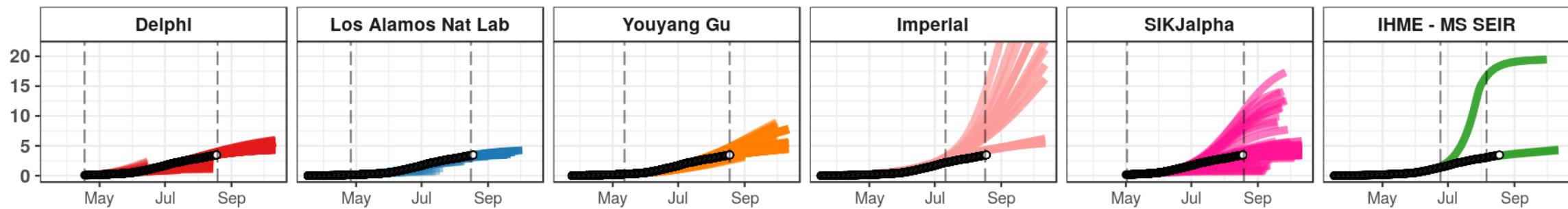
## Current Forecast



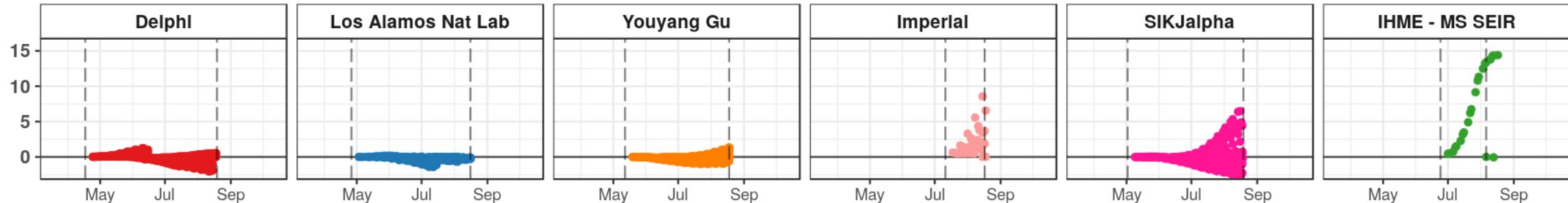
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



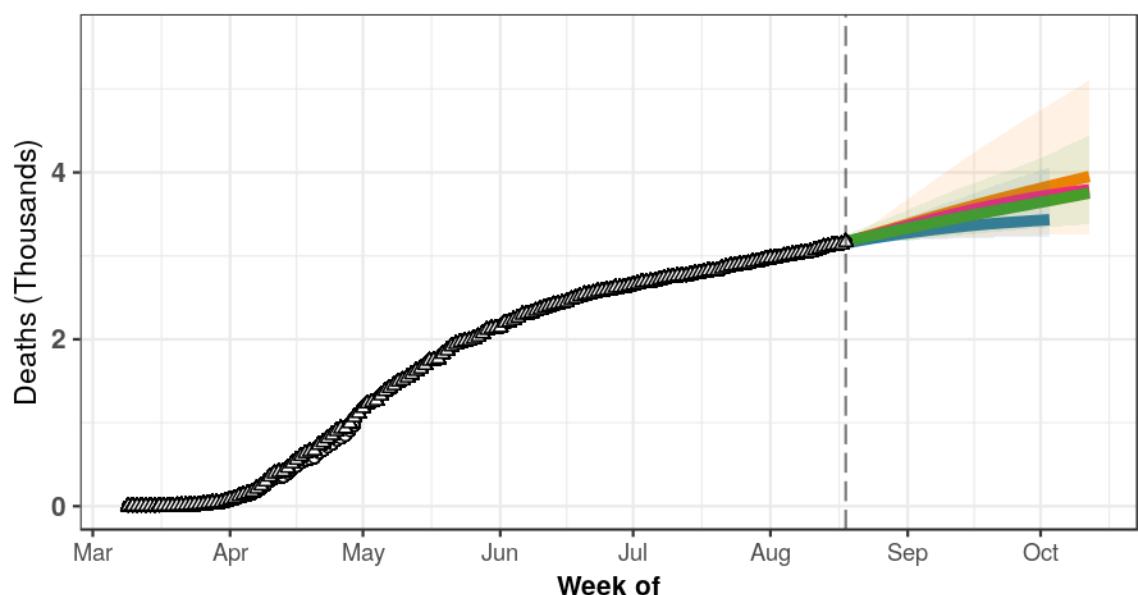
## All Cumulative Errors



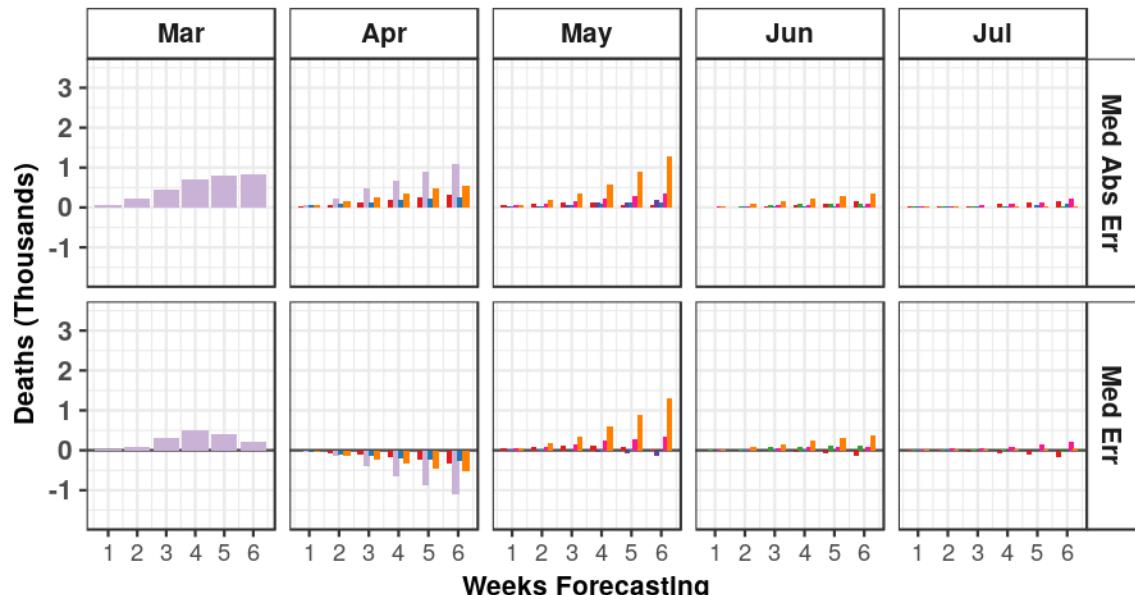
# Indiana

## Current Forecast

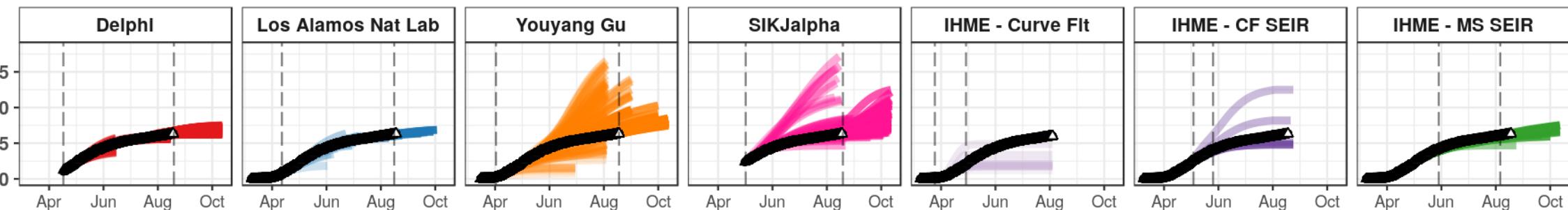
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



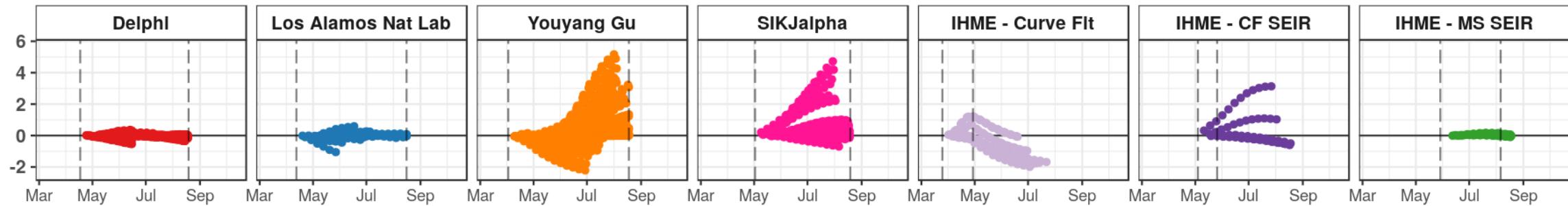
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



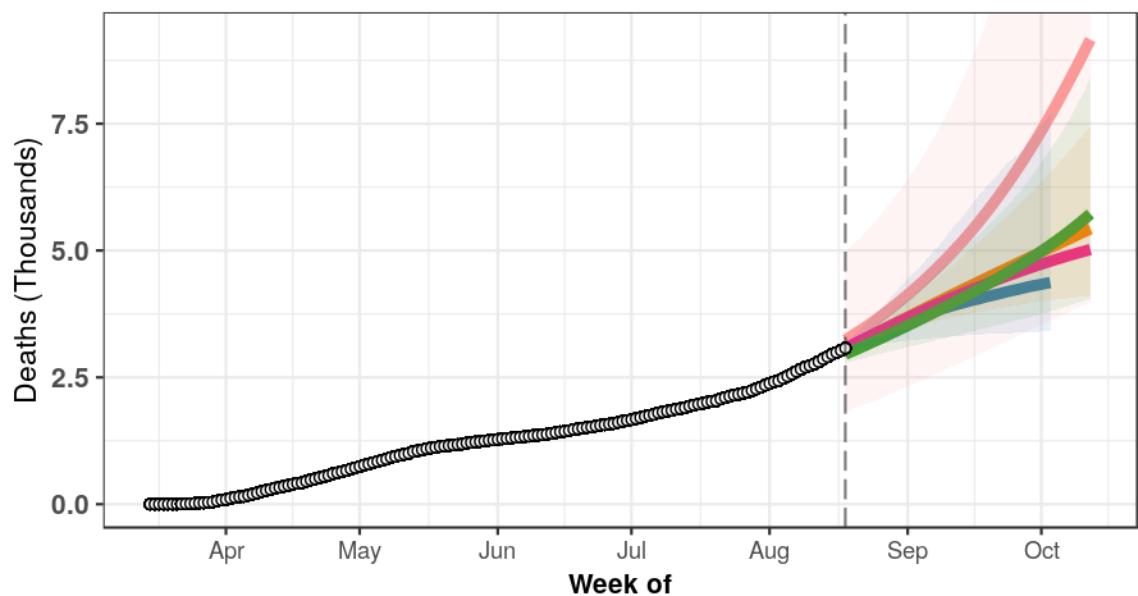
## All Cumulative Errors



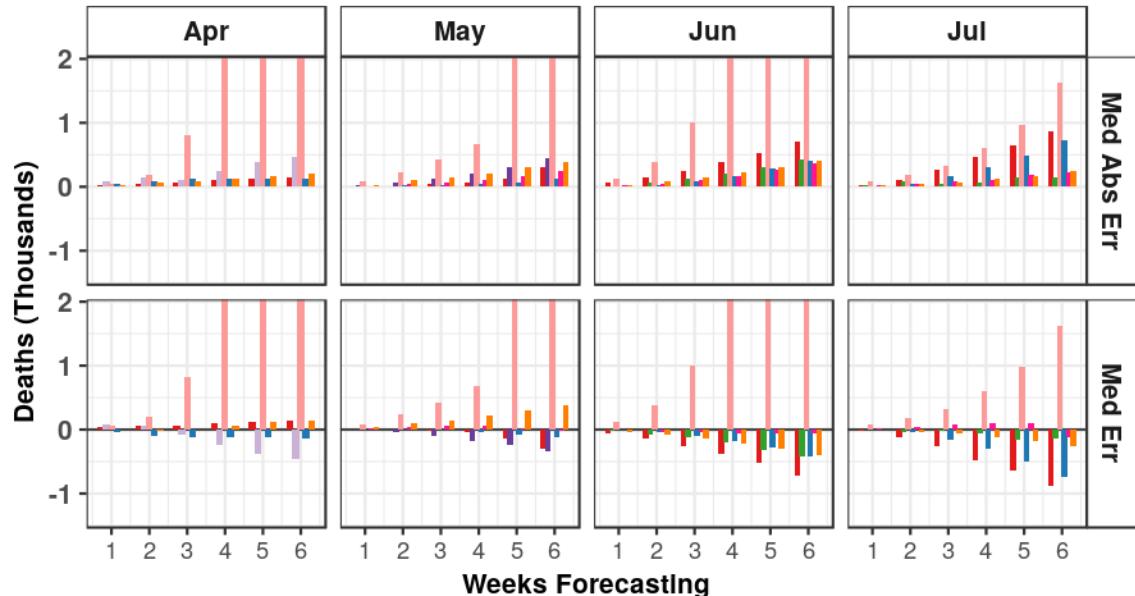
# Romania

## Current Forecast

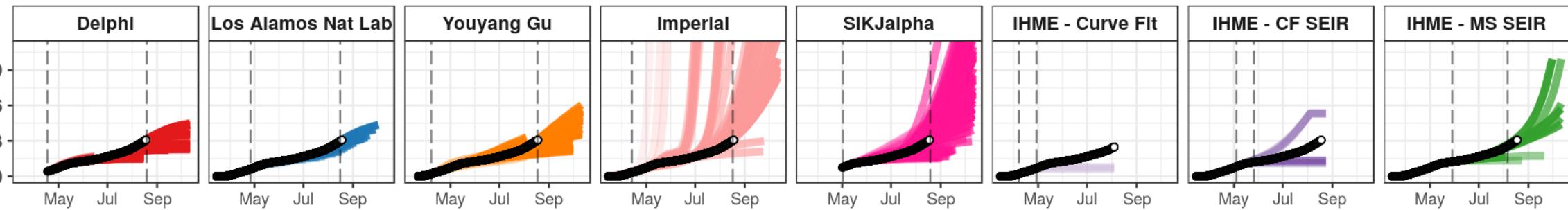
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



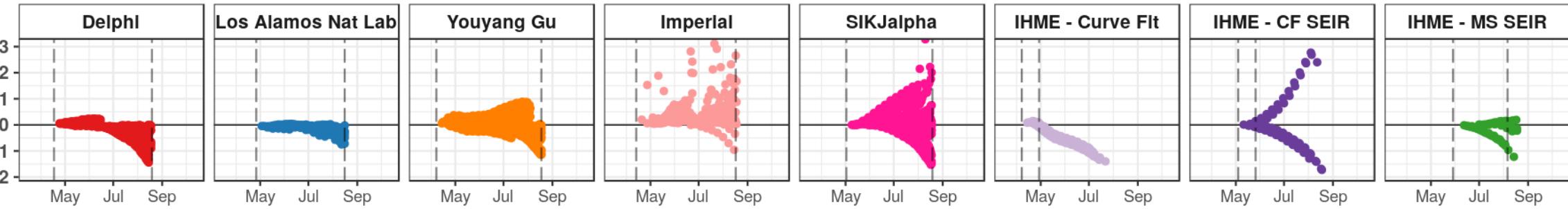
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



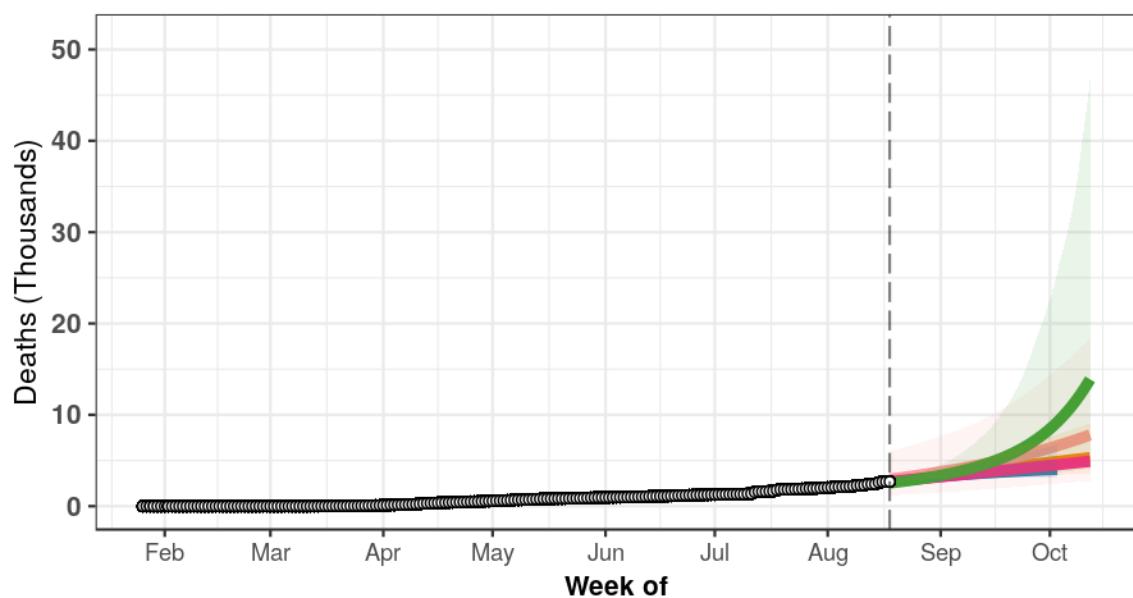
## All Cumulative Errors



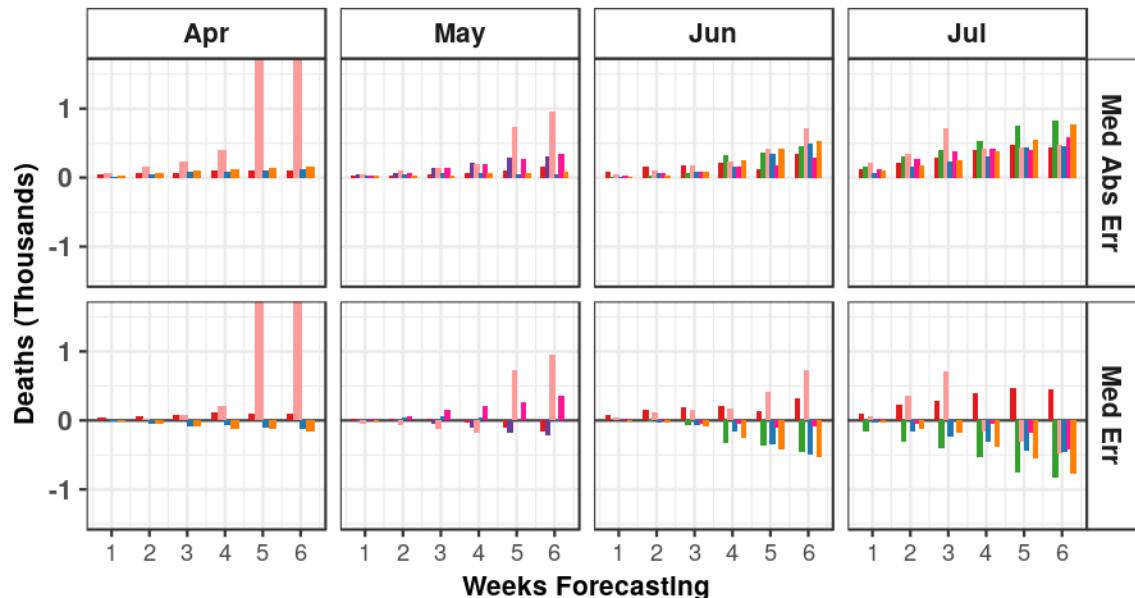
# Philippines

## Current Forecast

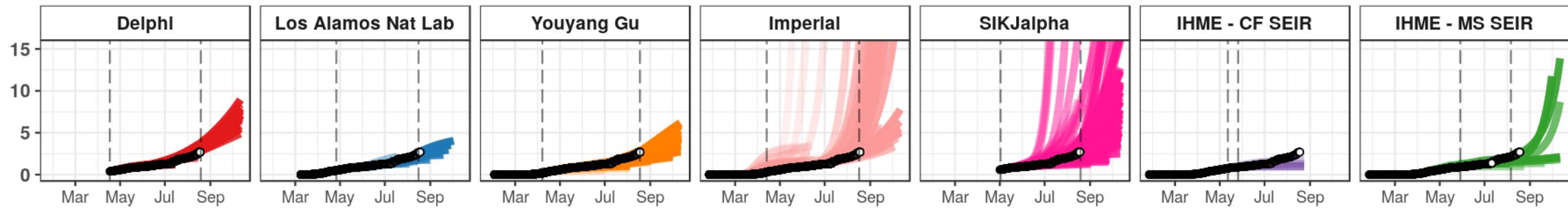
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



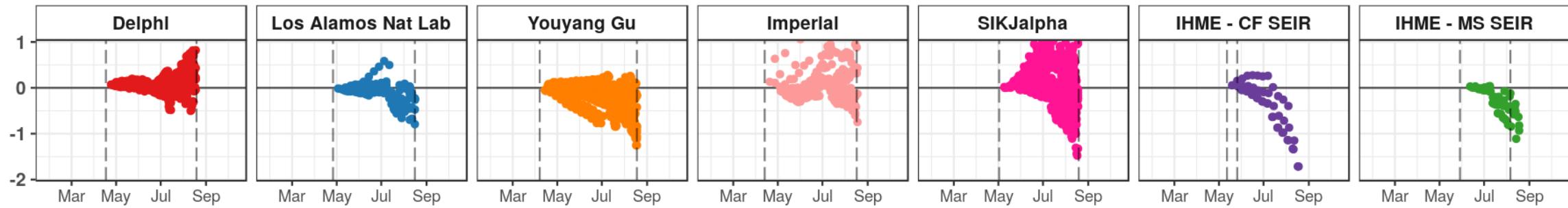
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



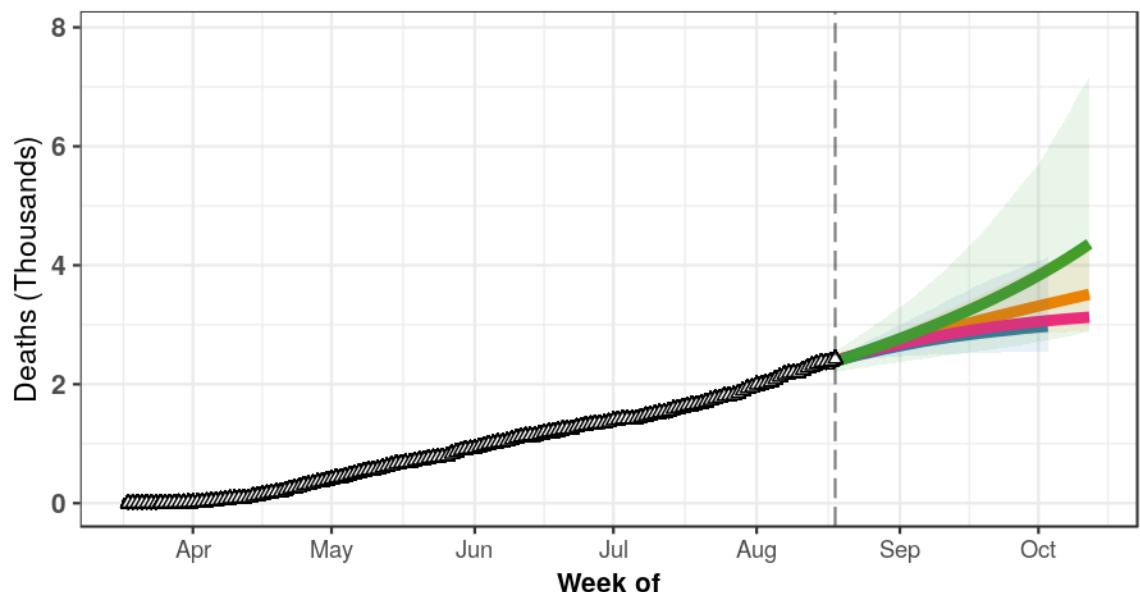
## All Cumulative Errors



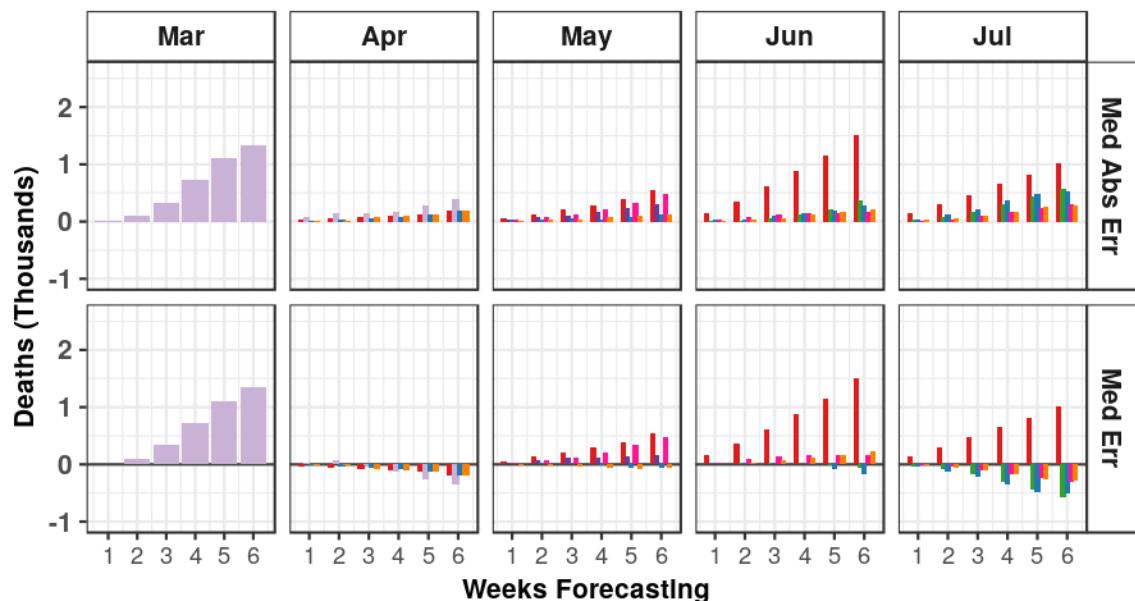
# North Carolina

## Current Forecast

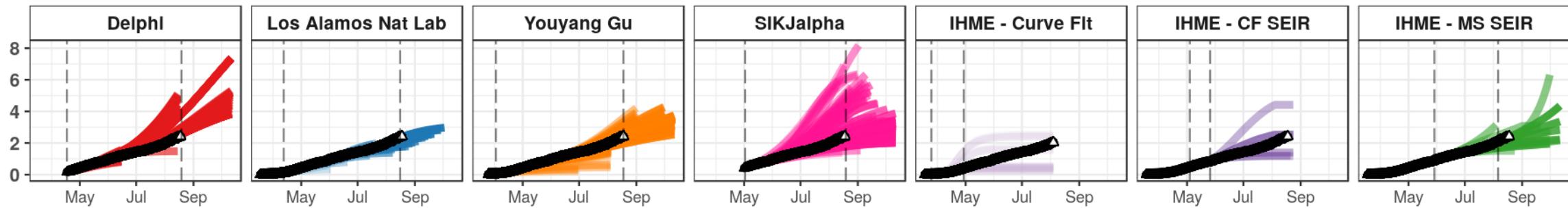
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



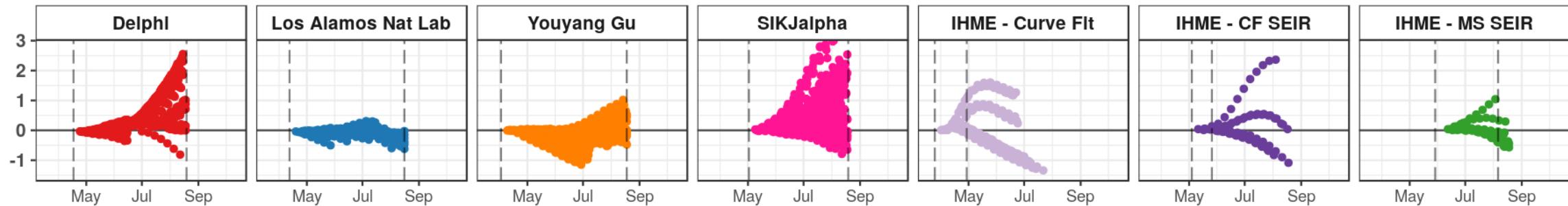
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



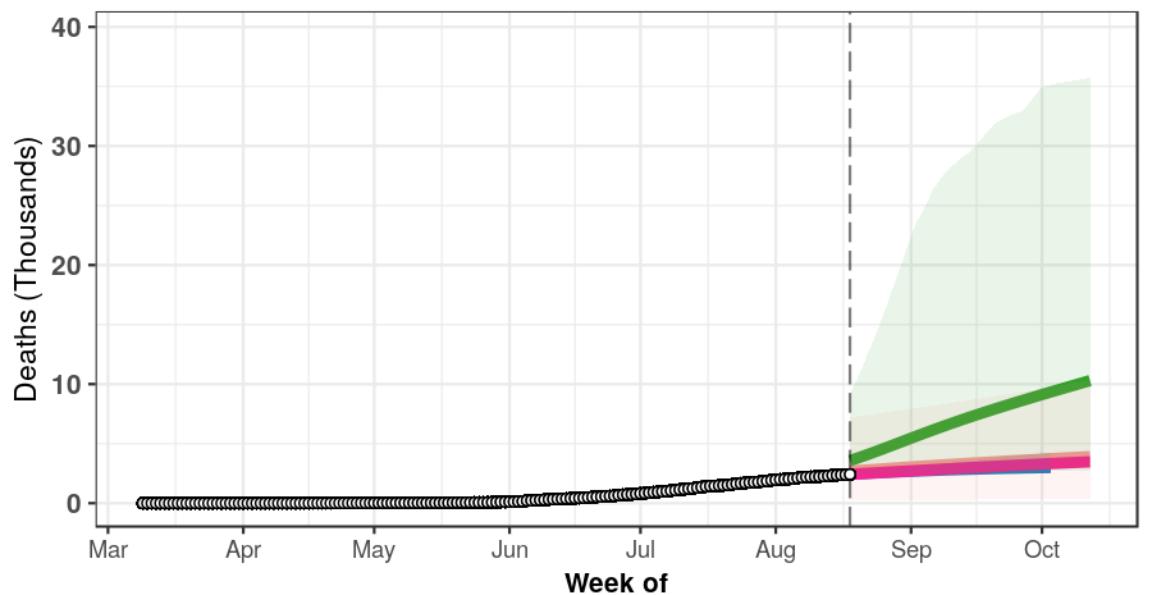
## All Cumulative Errors



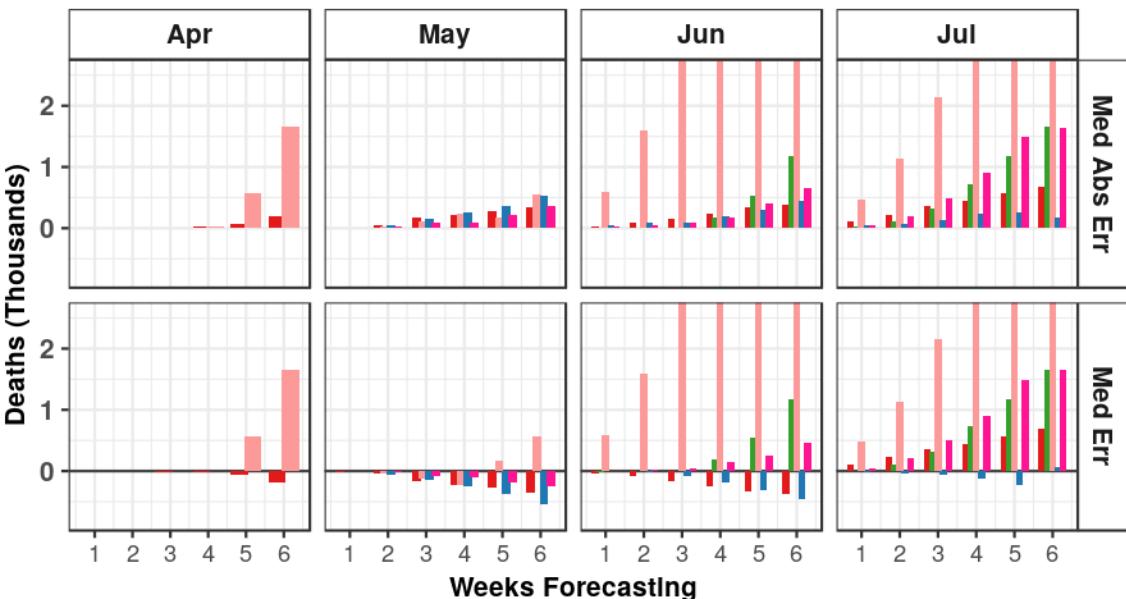
# Guatemala

## Current Forecast

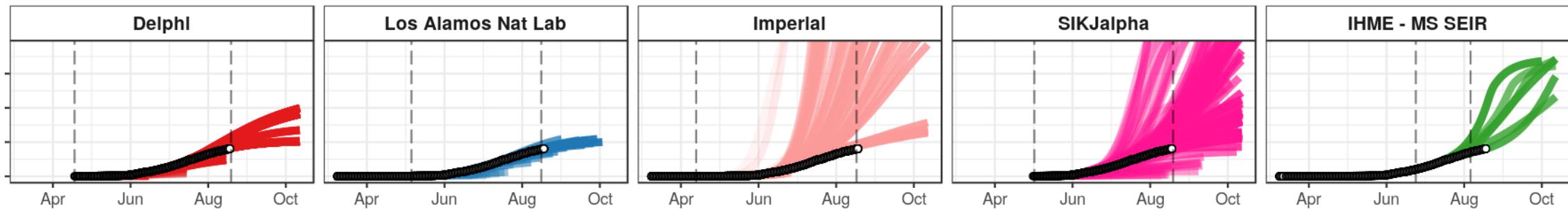
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



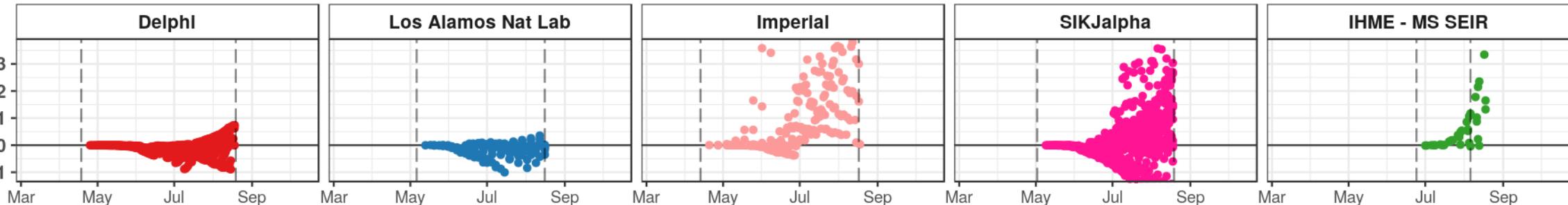
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



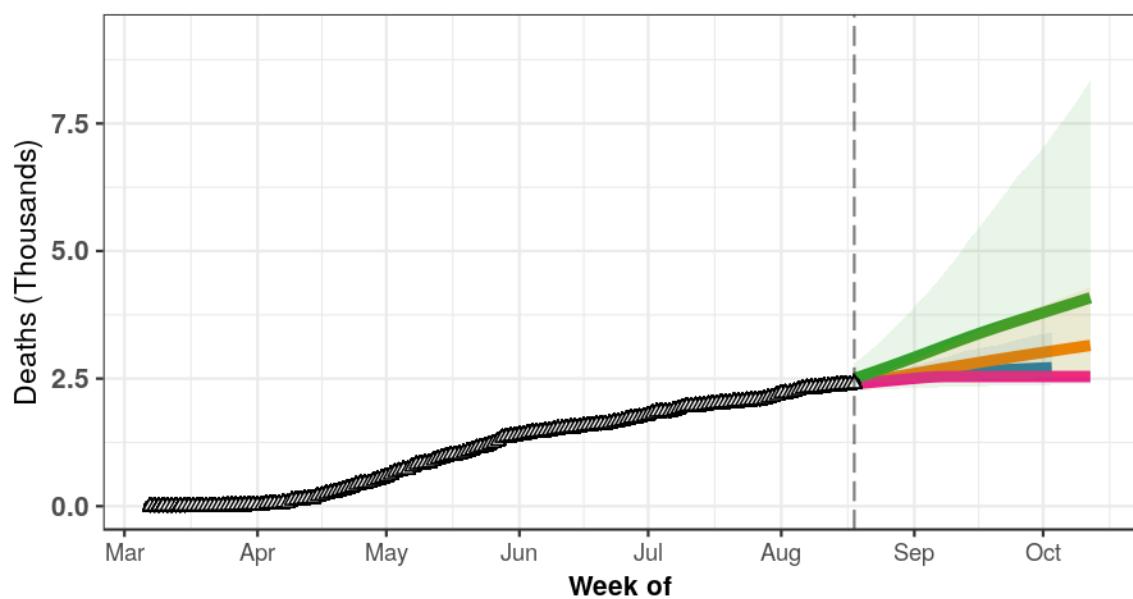
## All Cumulative Errors



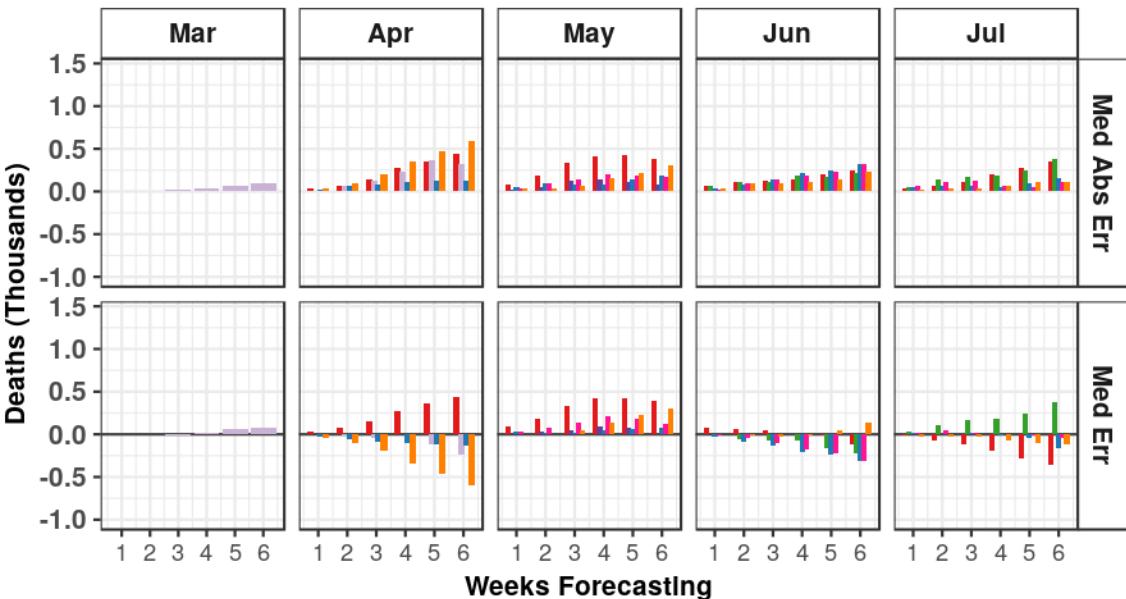
# Virginia

## Current Forecast

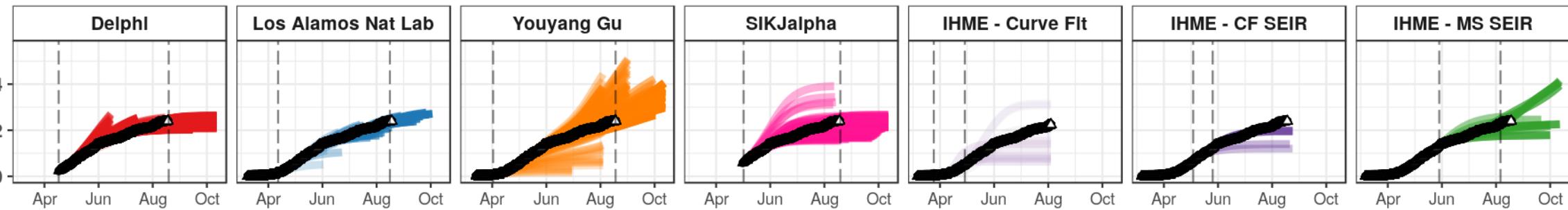
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



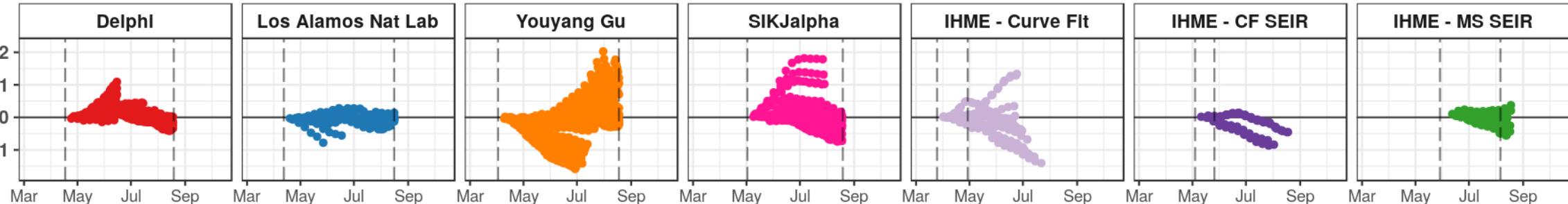
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



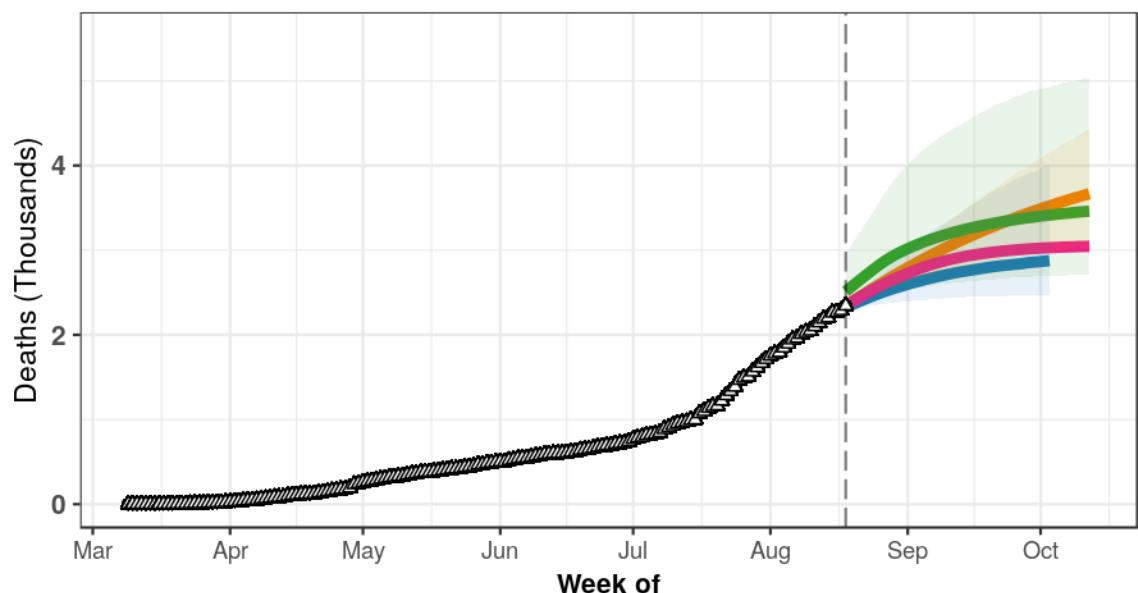
## All Cumulative Errors



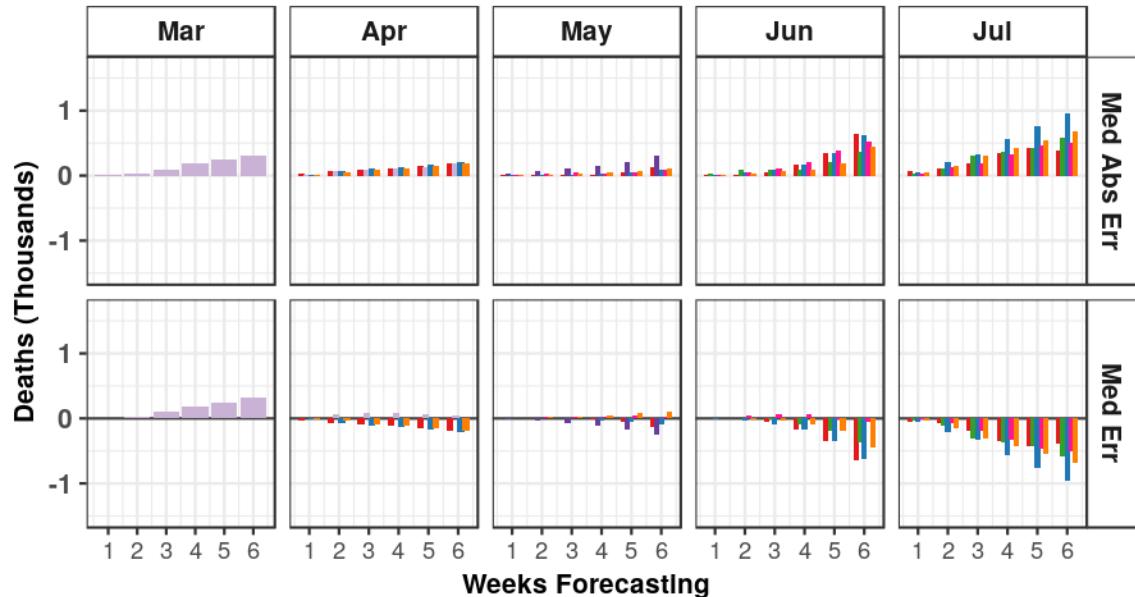
# South Carolina

## Current Forecast

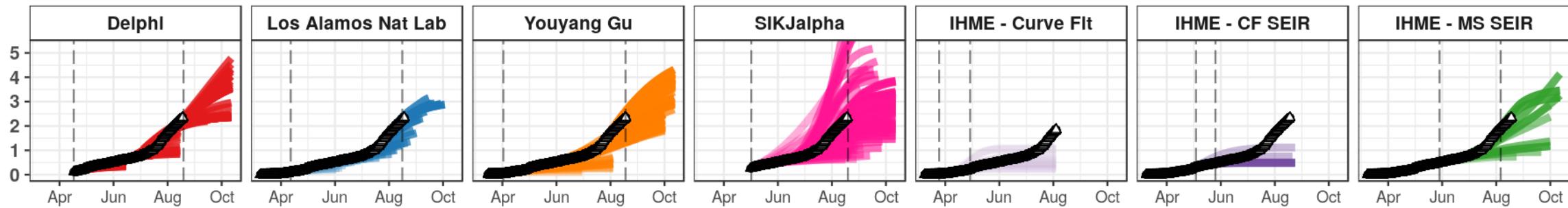
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



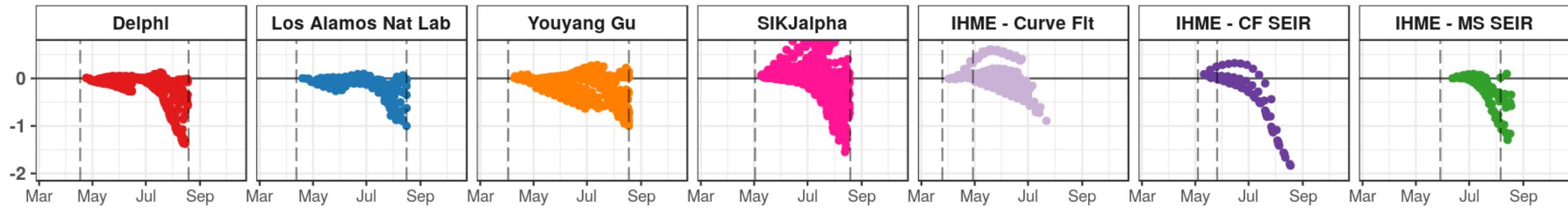
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



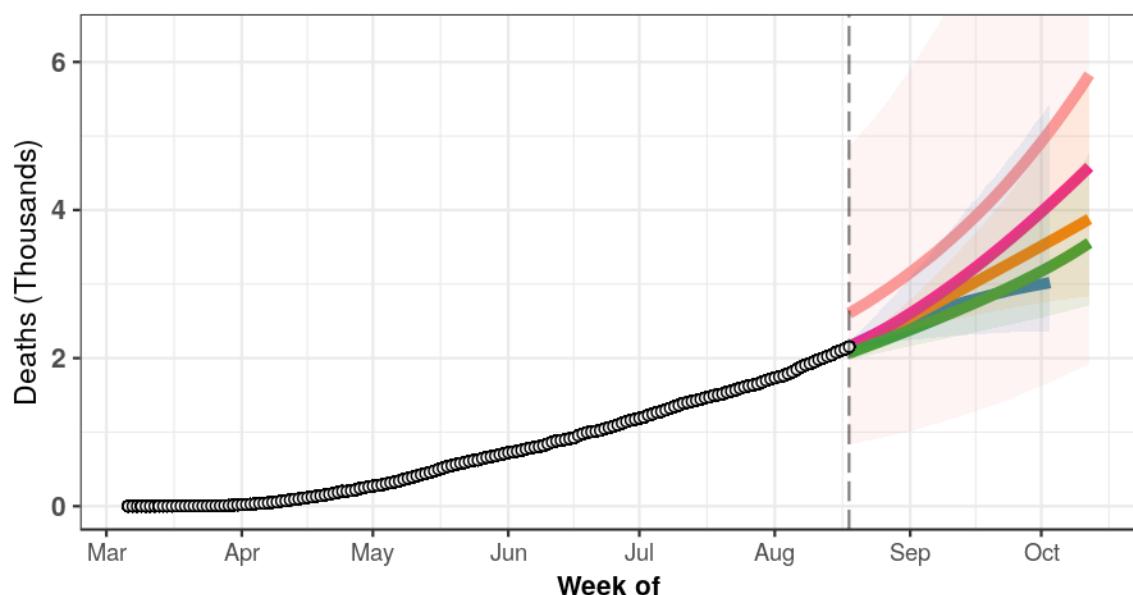
## All Cumulative Errors



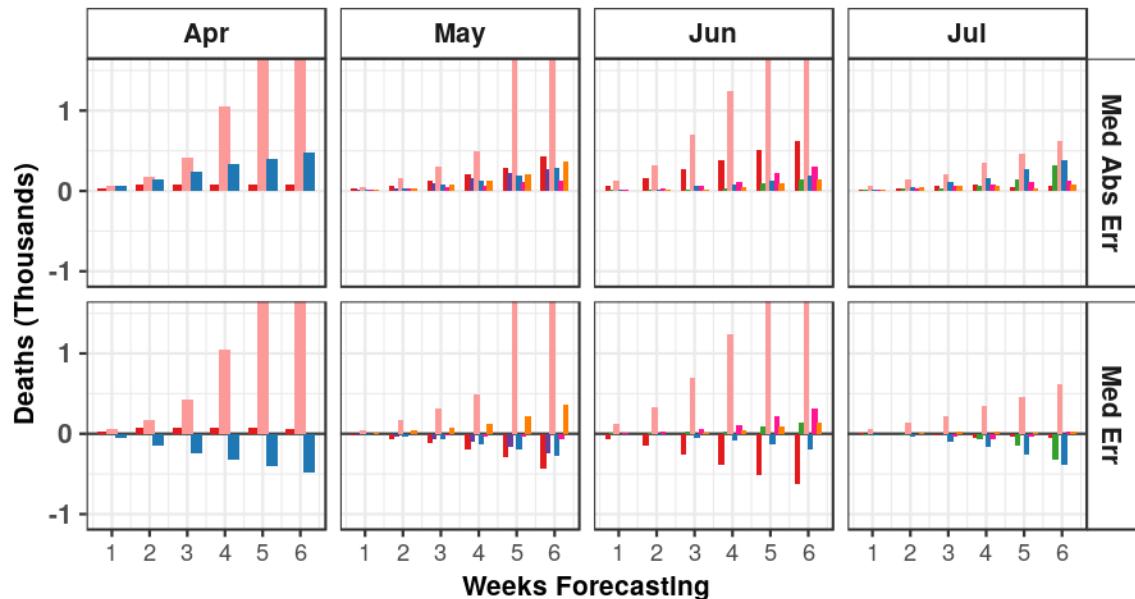
# Ukraine

## Current Forecast

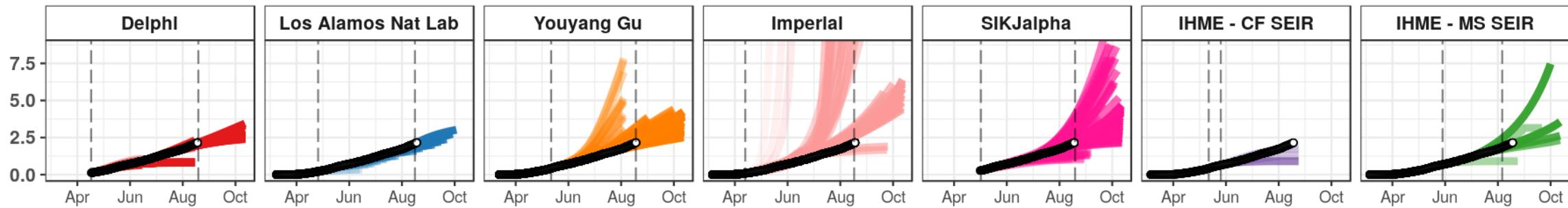
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



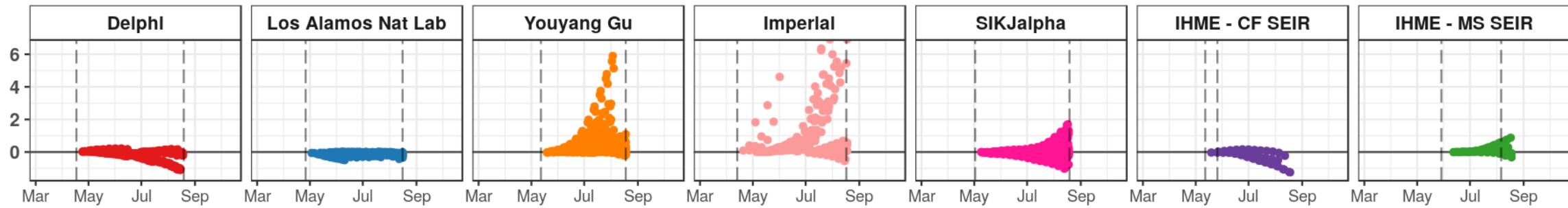
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



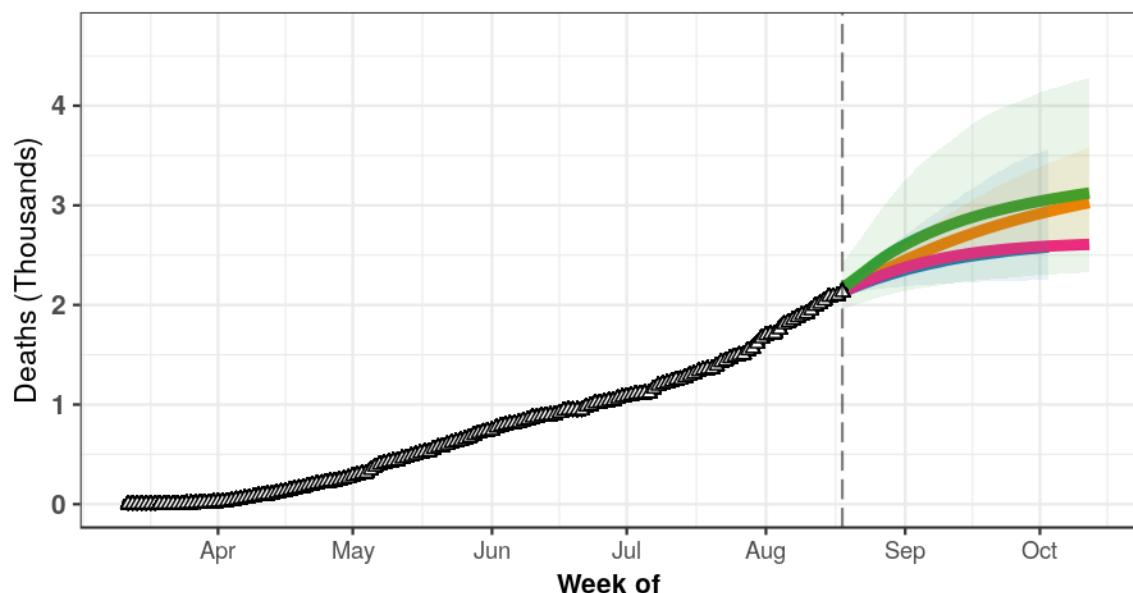
## All Cumulative Errors



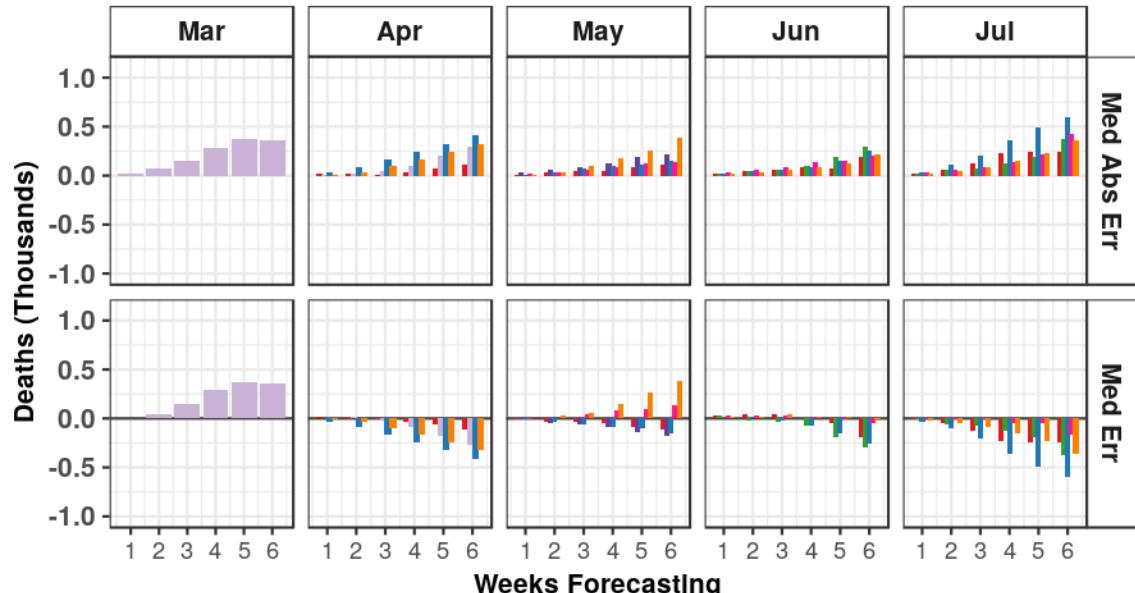
# Mississippi

## Current Forecast

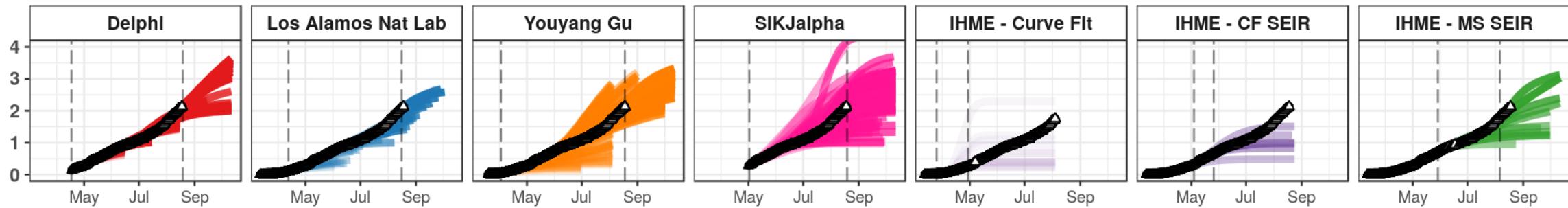
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



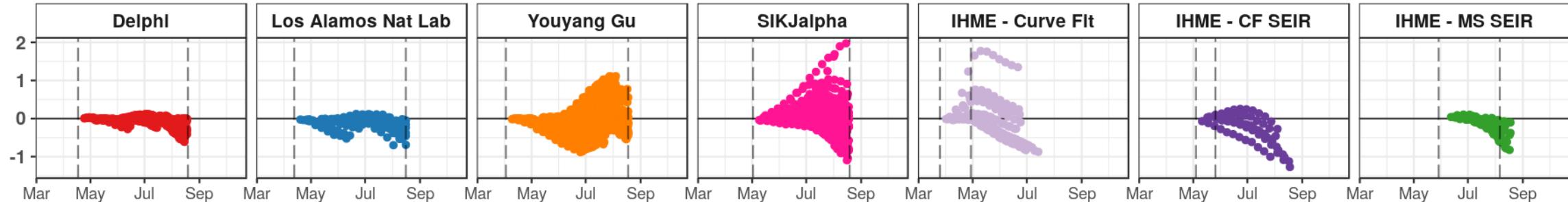
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



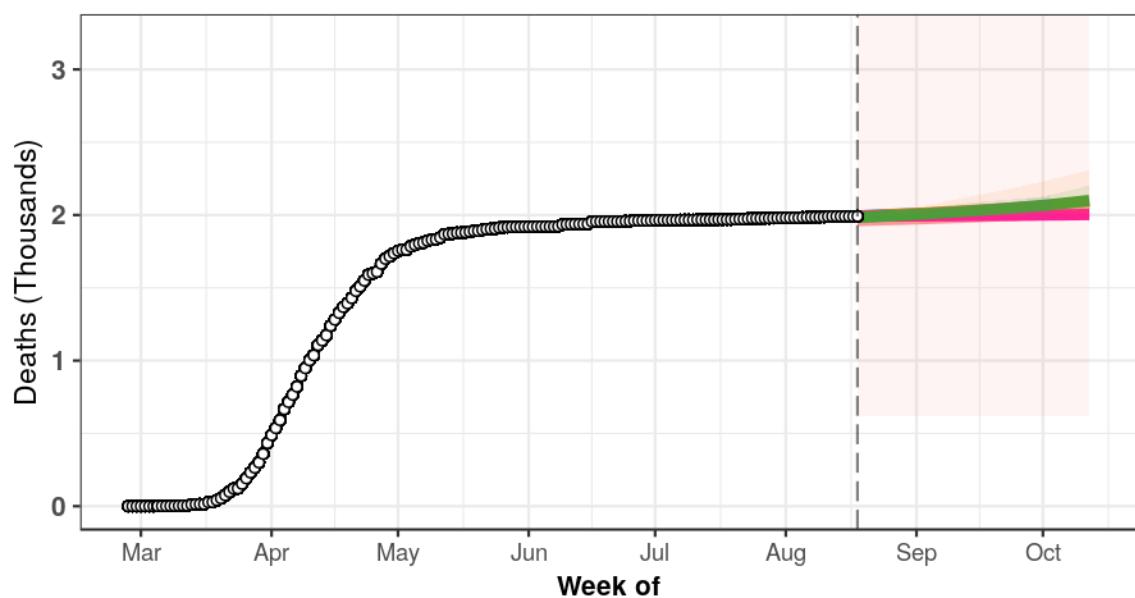
## All Cumulative Errors



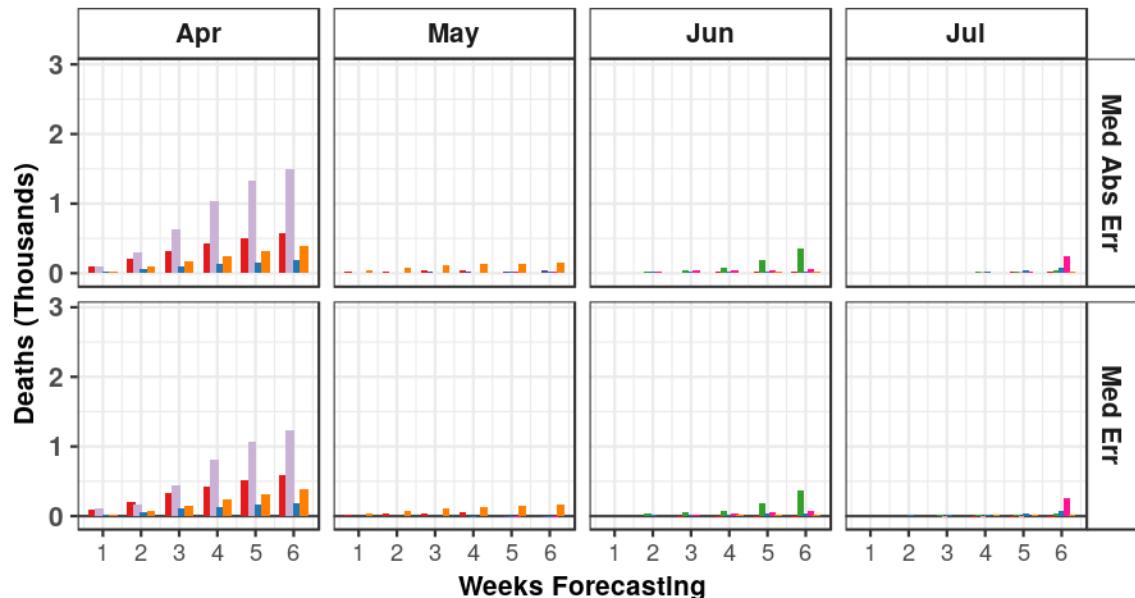
# Switzerland

## Current Forecast

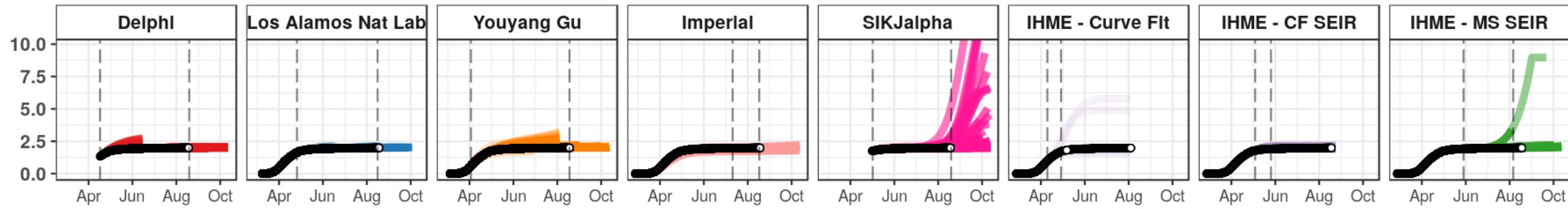
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



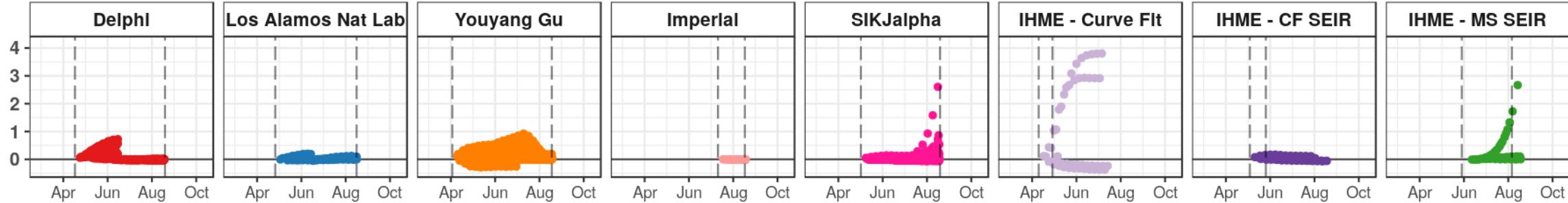
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



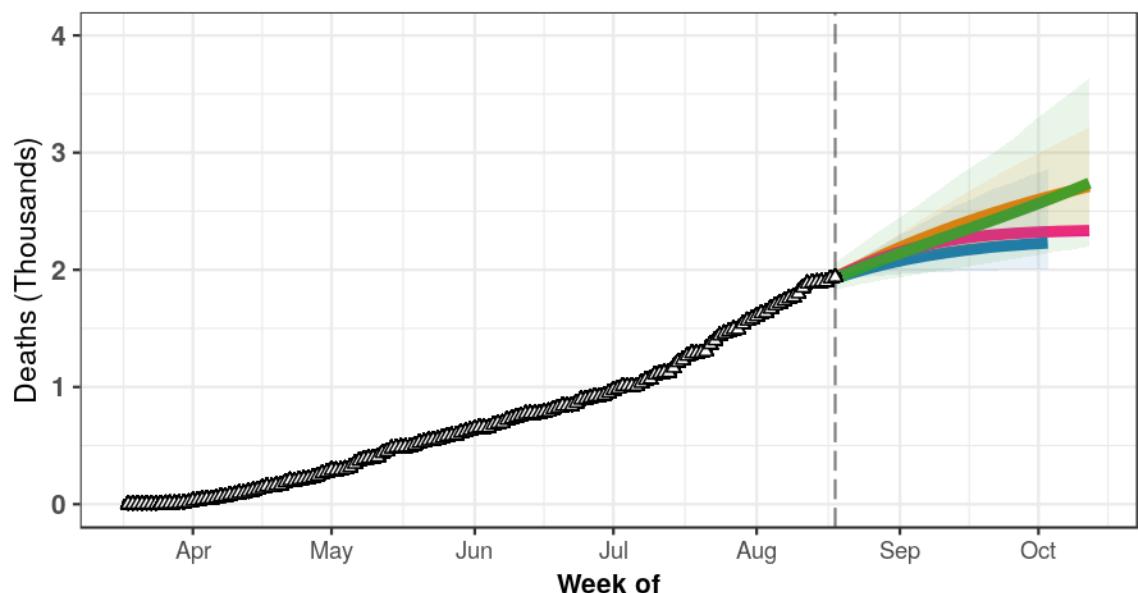
## All Cumulative Errors



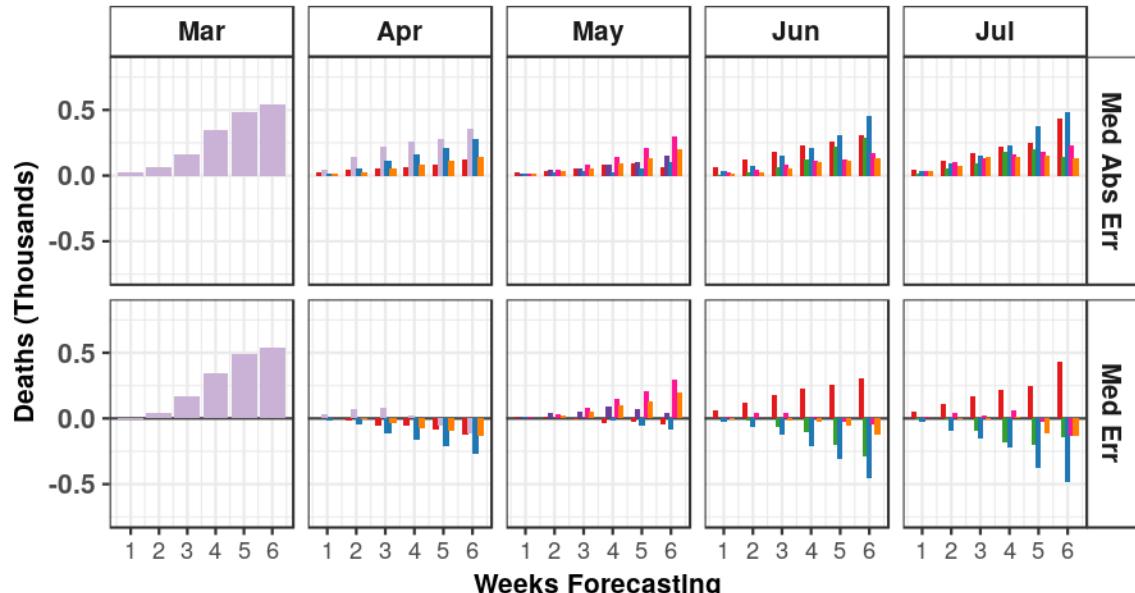
# Alabama

## Current Forecast

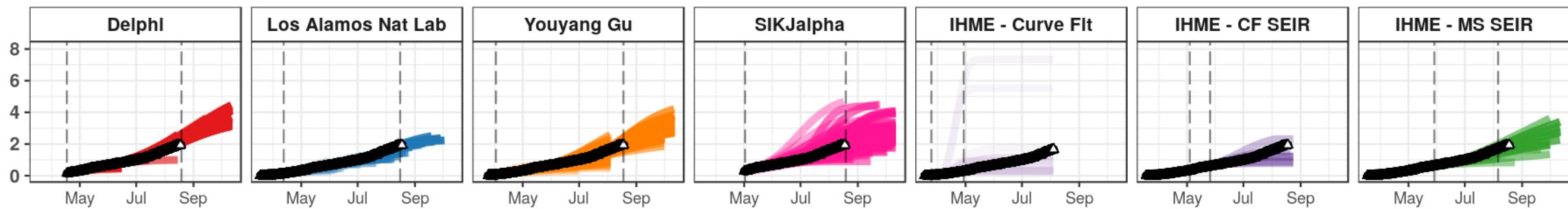
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



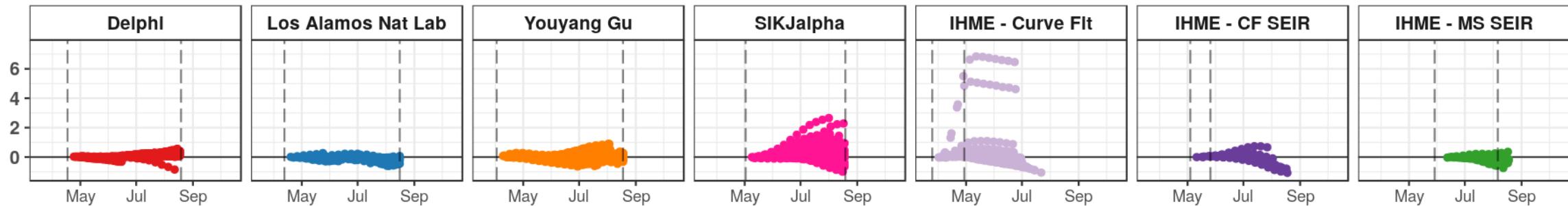
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



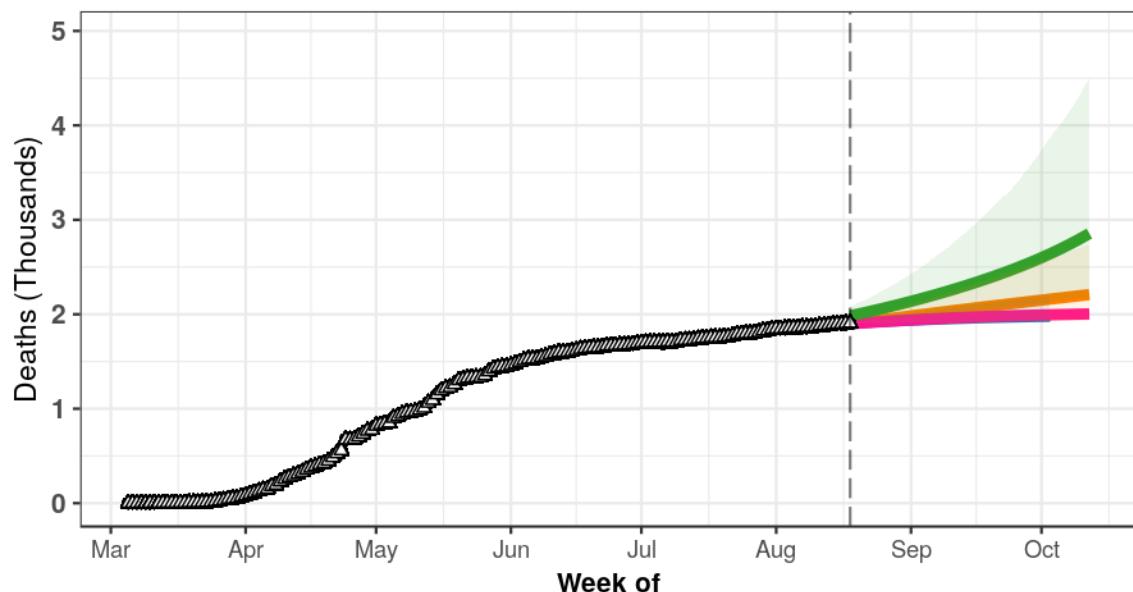
## All Cumulative Errors



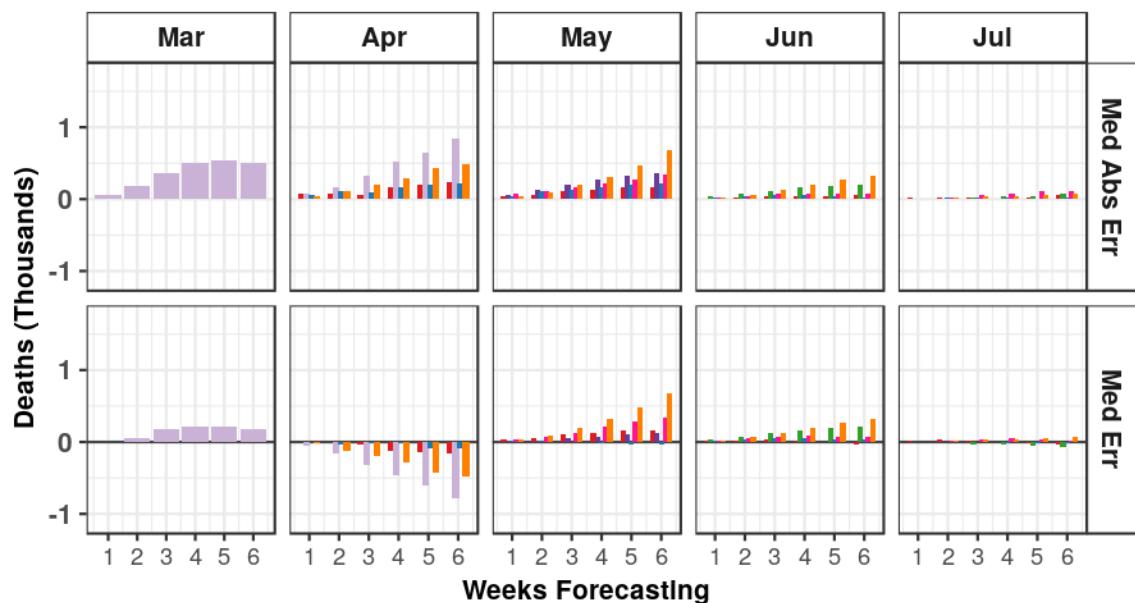
# Colorado

## Current Forecast

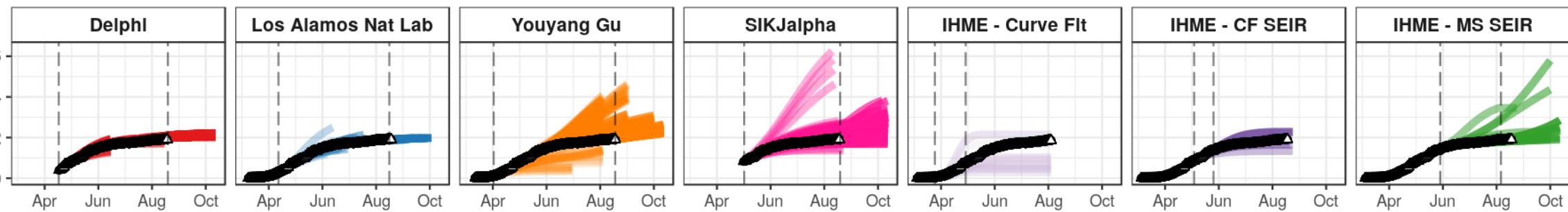
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



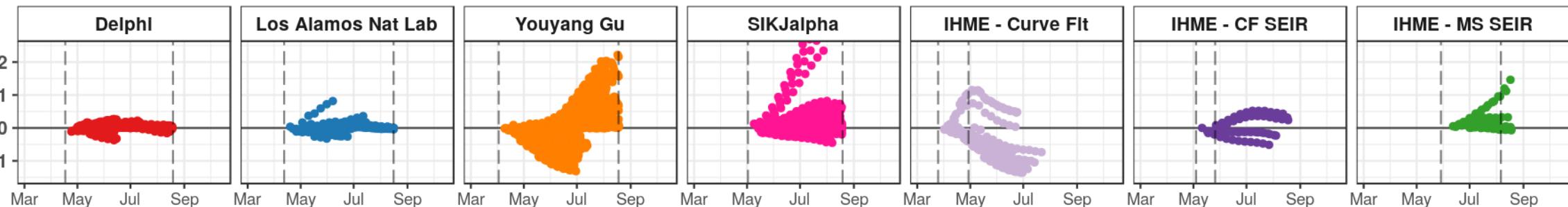
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



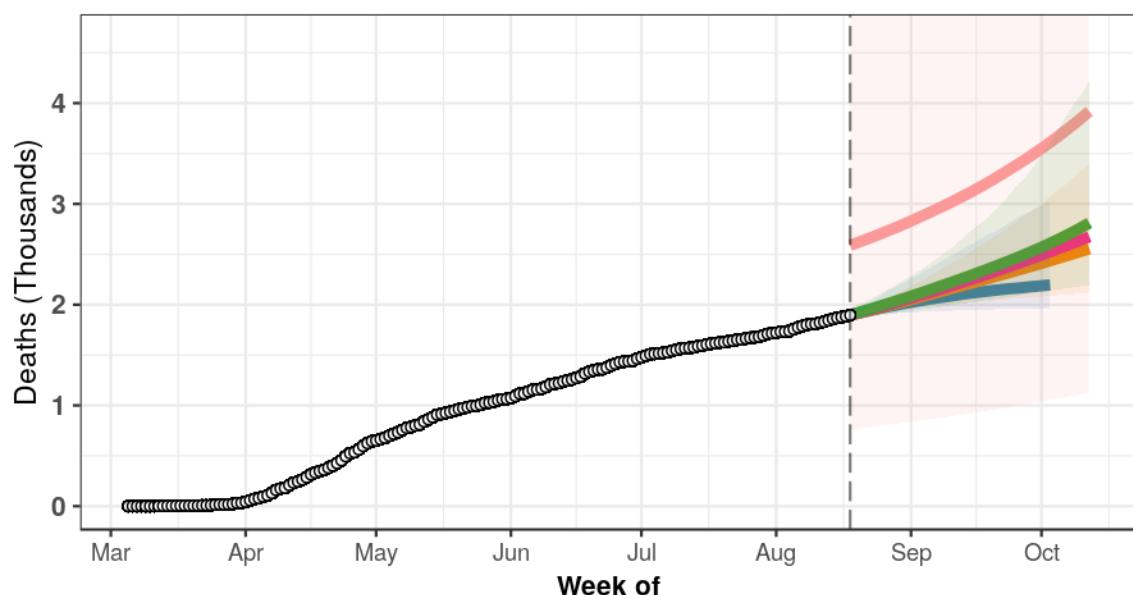
## All Cumulative Errors



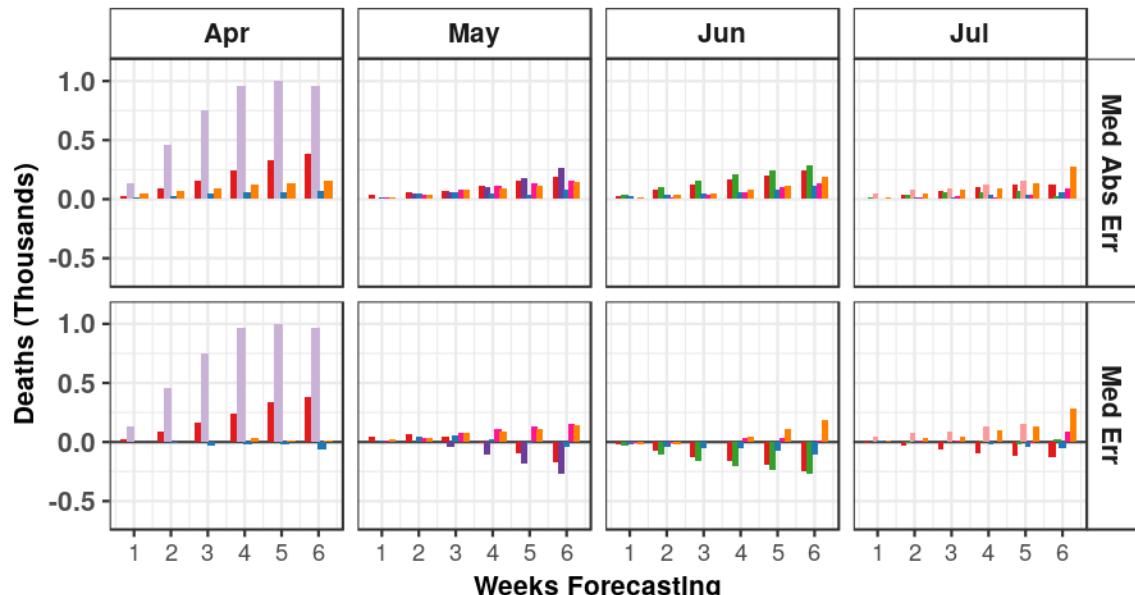
# Poland

## Current Forecast

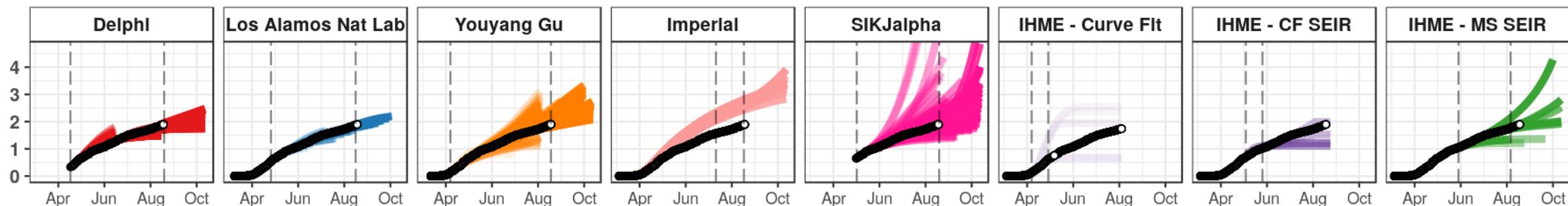
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



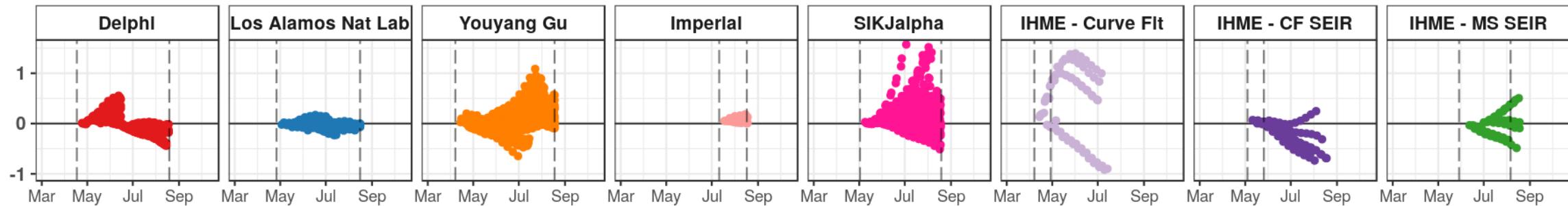
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



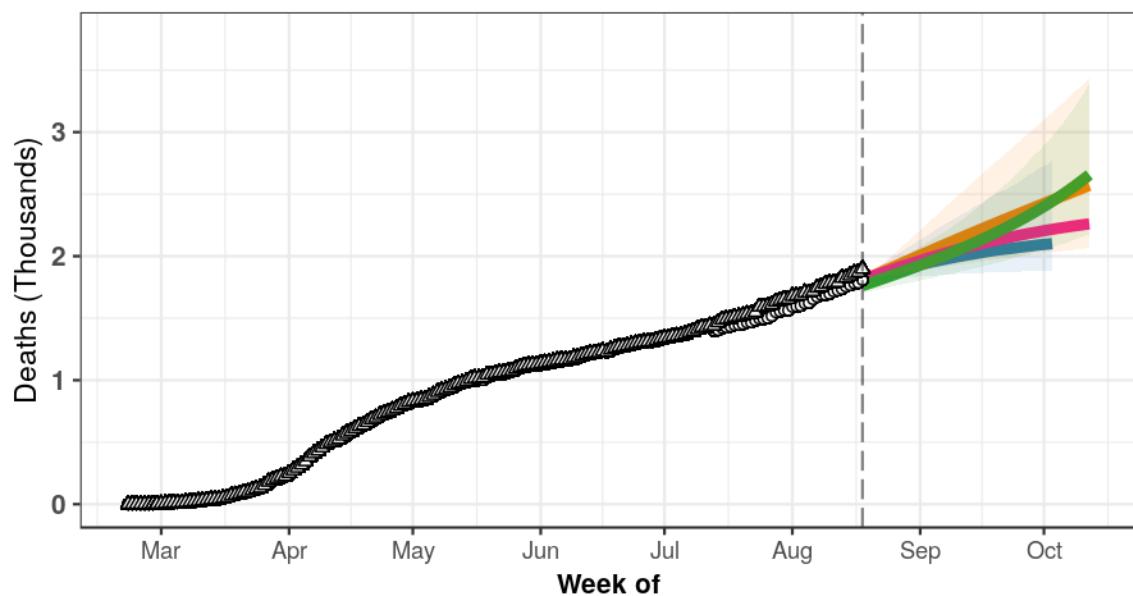
## All Cumulative Errors



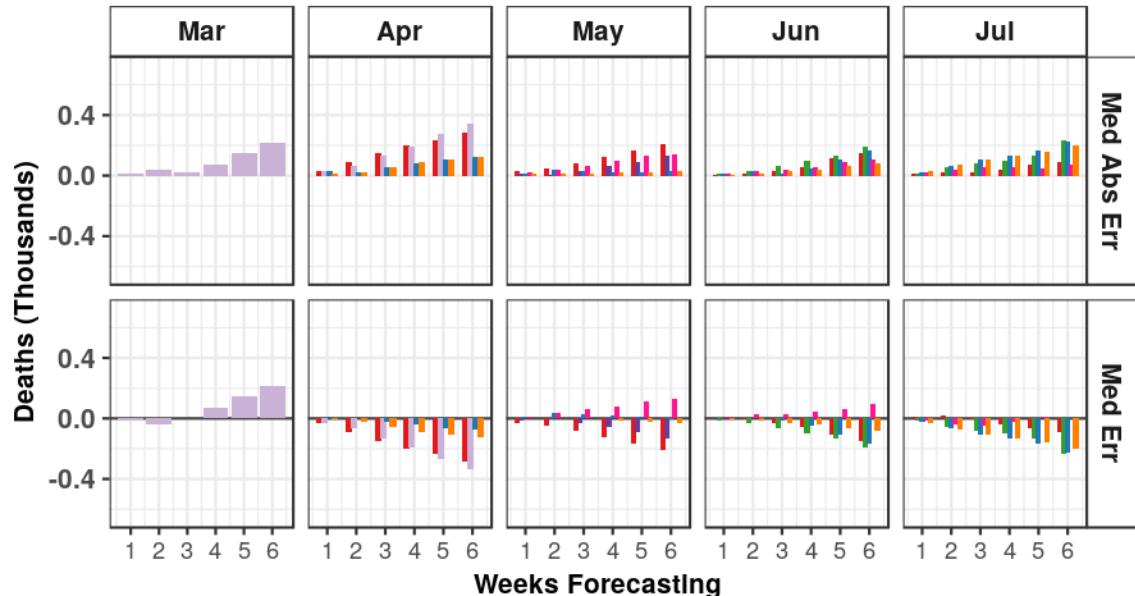
# Washington

## Current Forecast

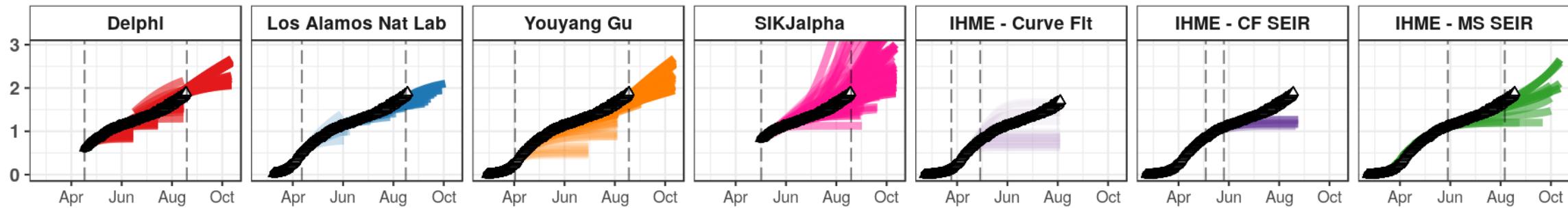
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



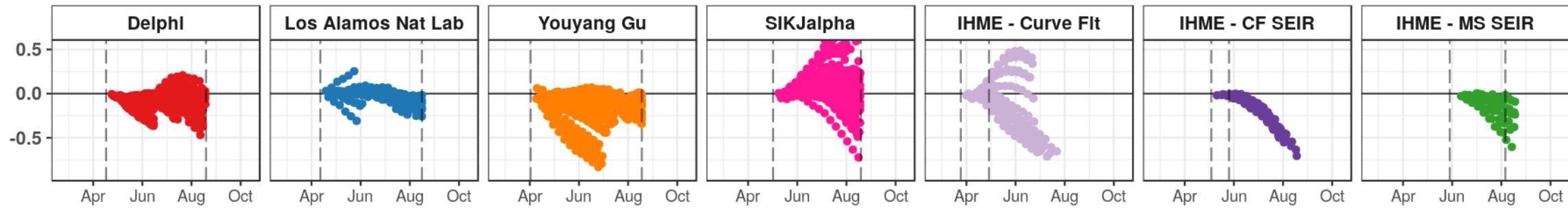
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



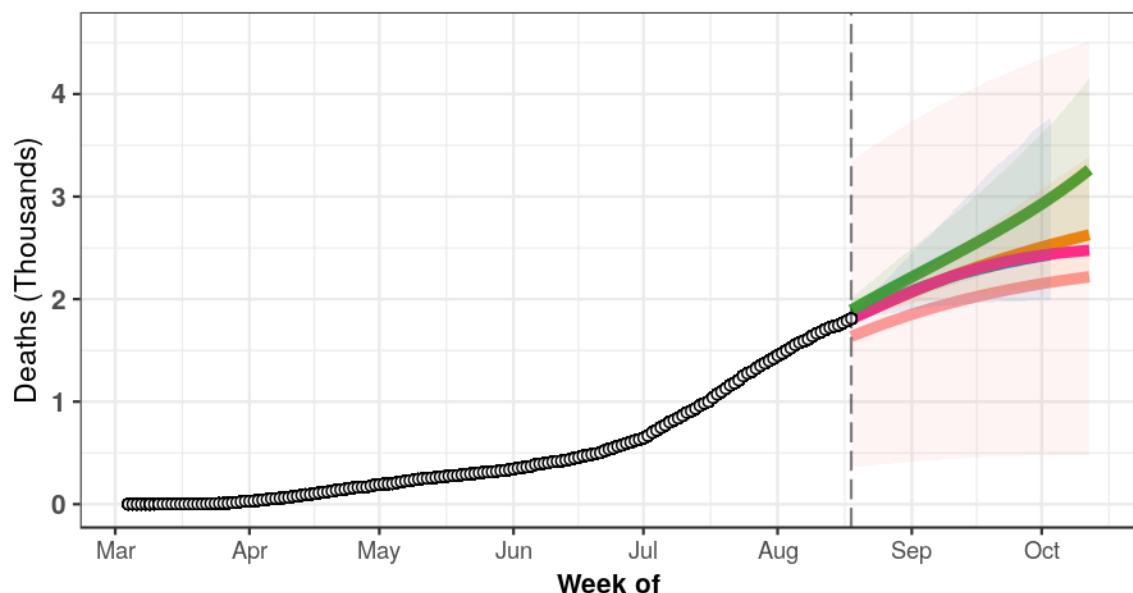
## All Cumulative Errors



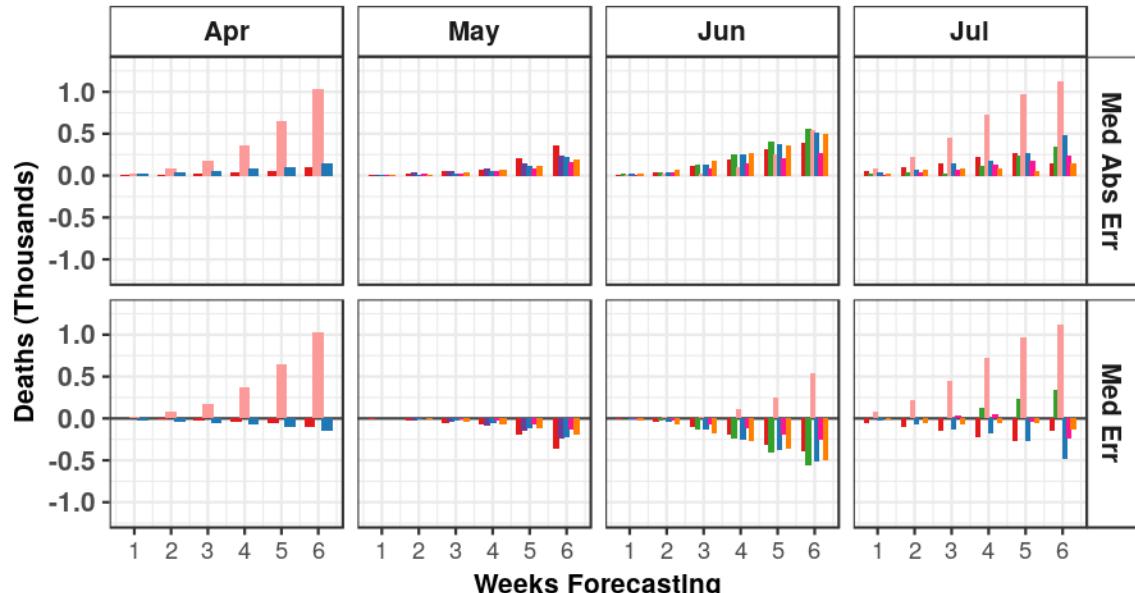
# Panama

## Current Forecast

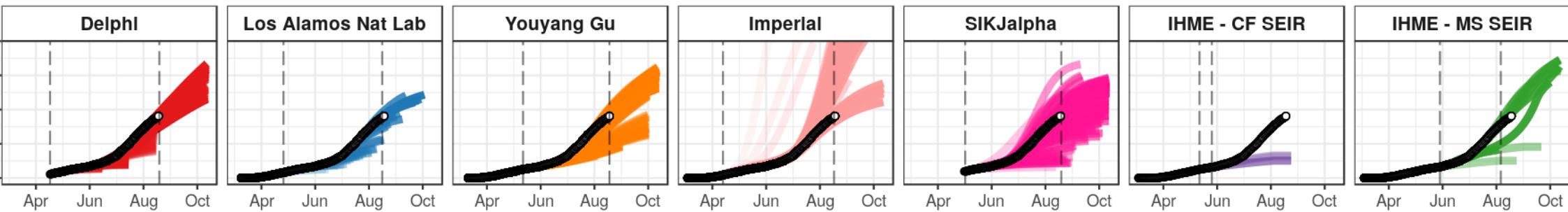
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



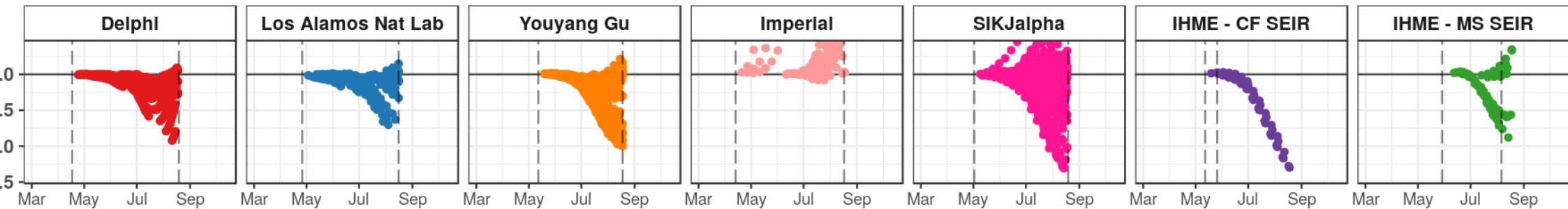
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



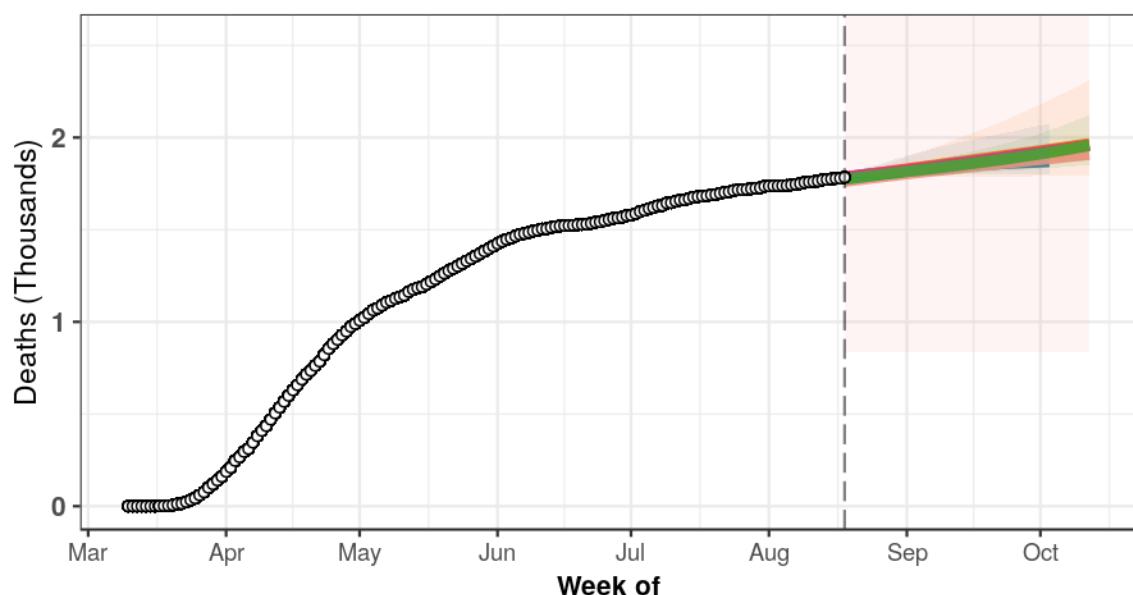
## All Cumulative Errors



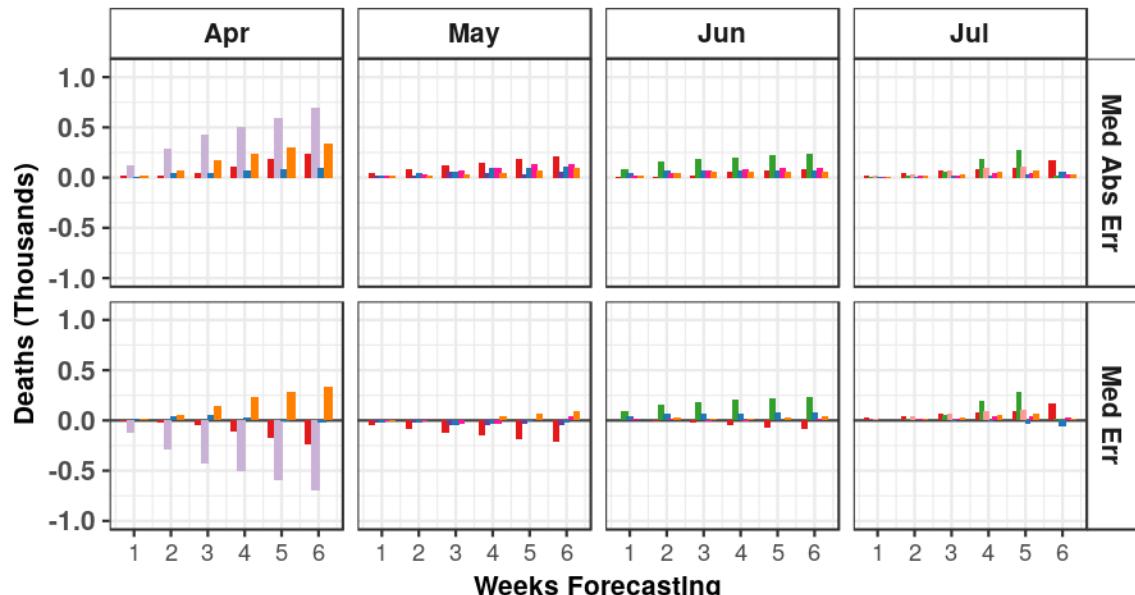
# Portugal

## Current Forecast

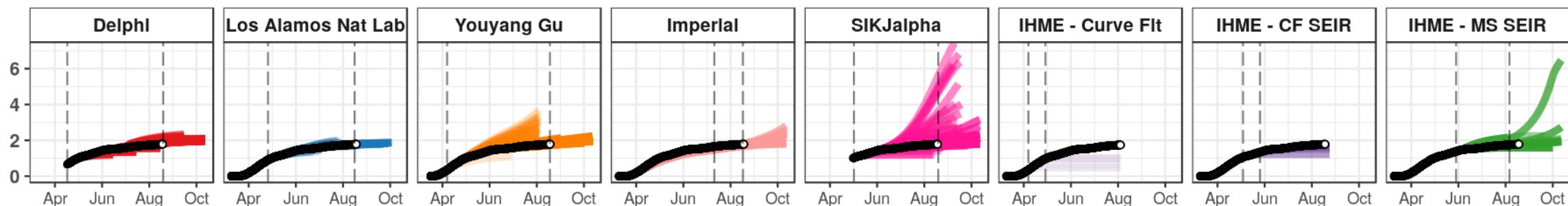
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



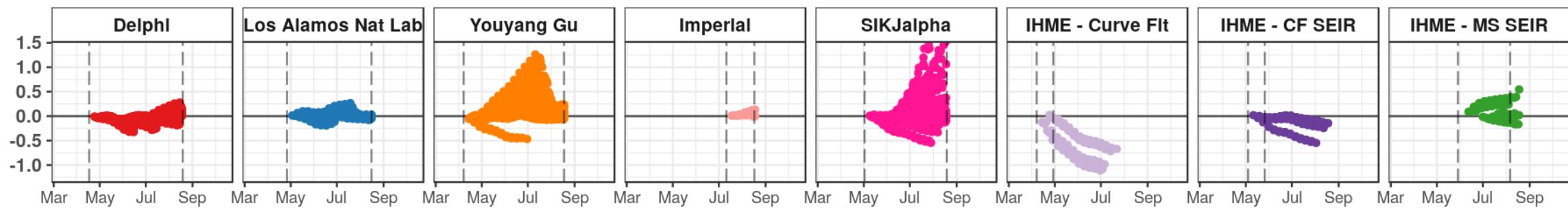
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



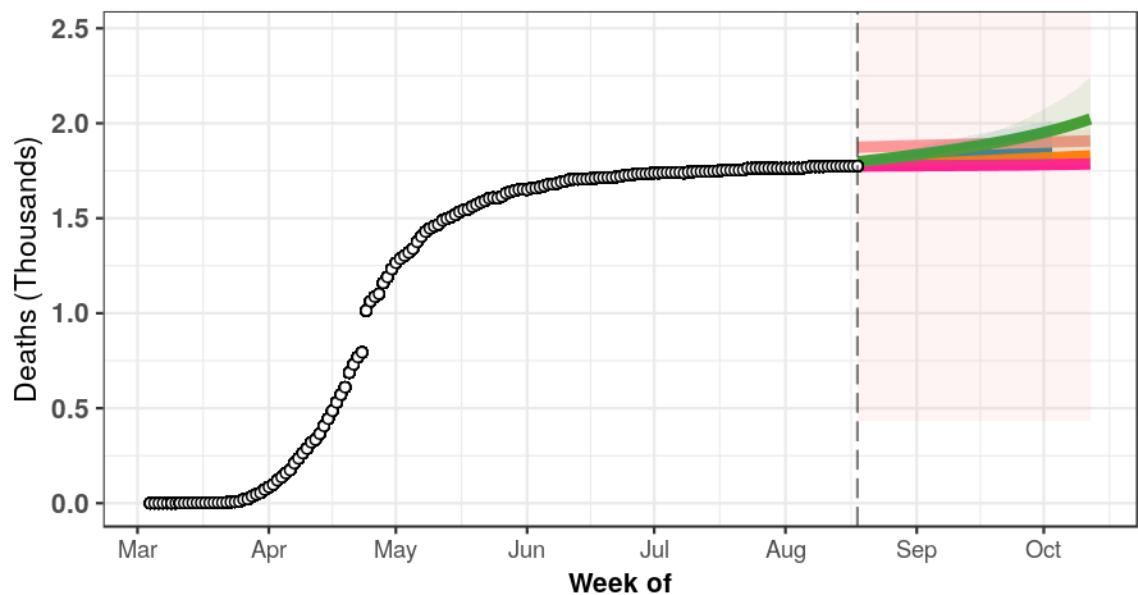
## All Cumulative Errors



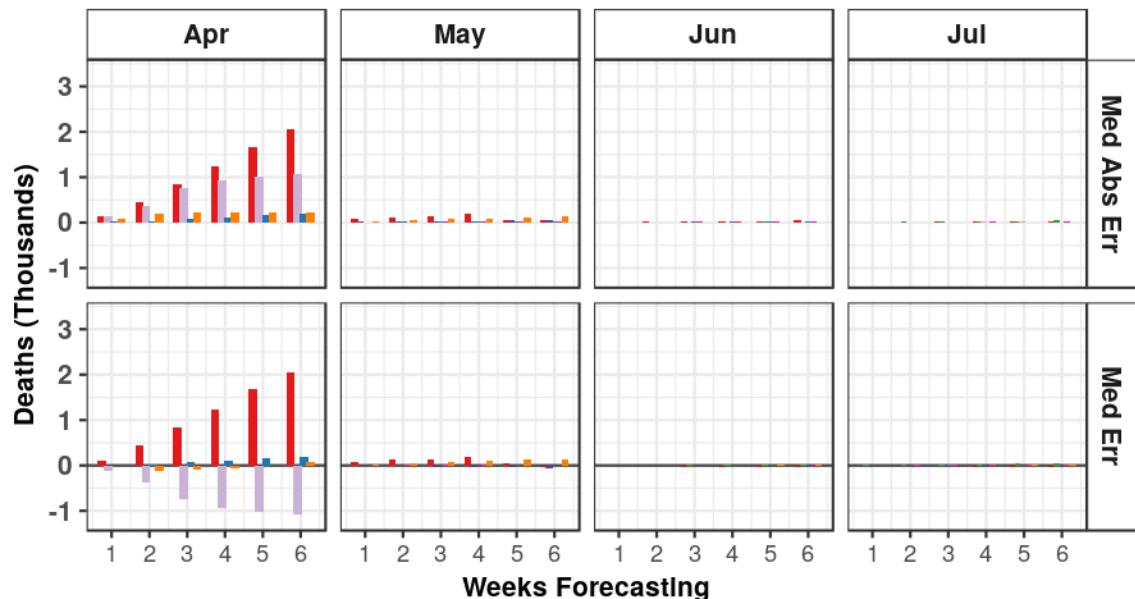
# Ireland

## Current Forecast

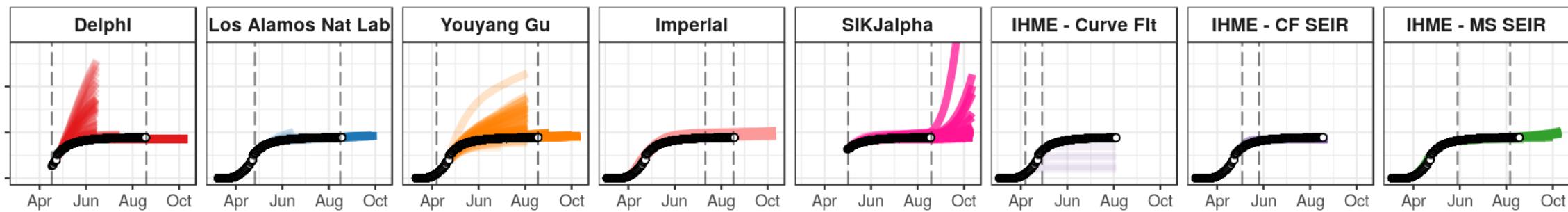
Los Alamos Nat Lab Youyang Gu Imperial SIKJalpha IHME - MS SEIR



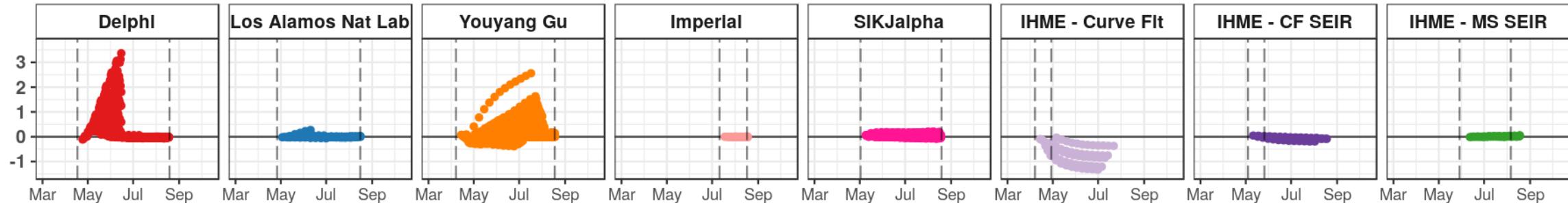
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



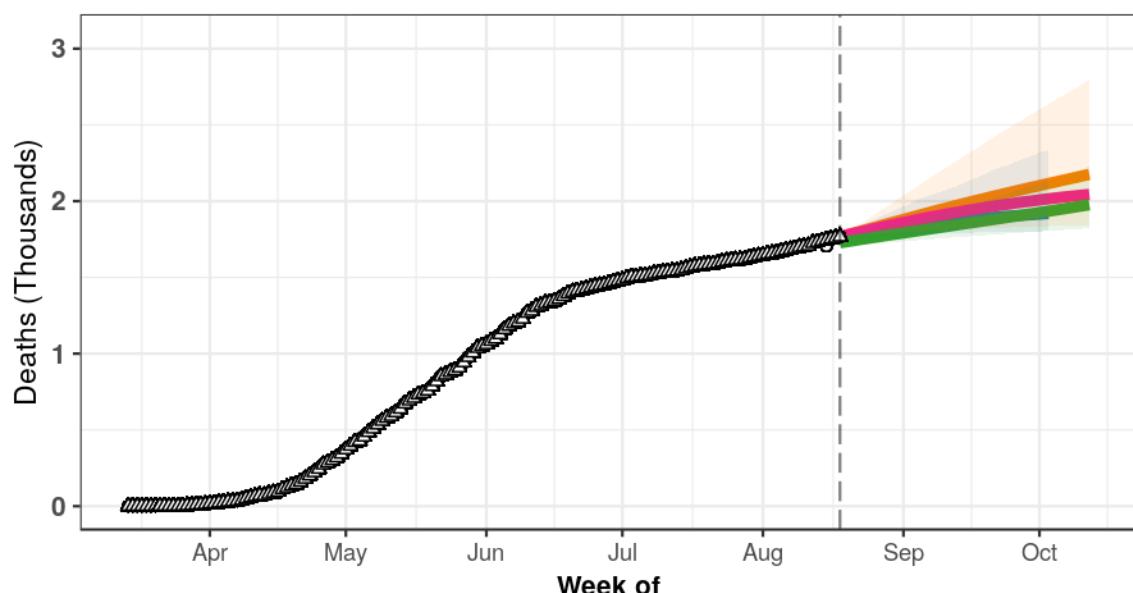
## All Cumulative Errors



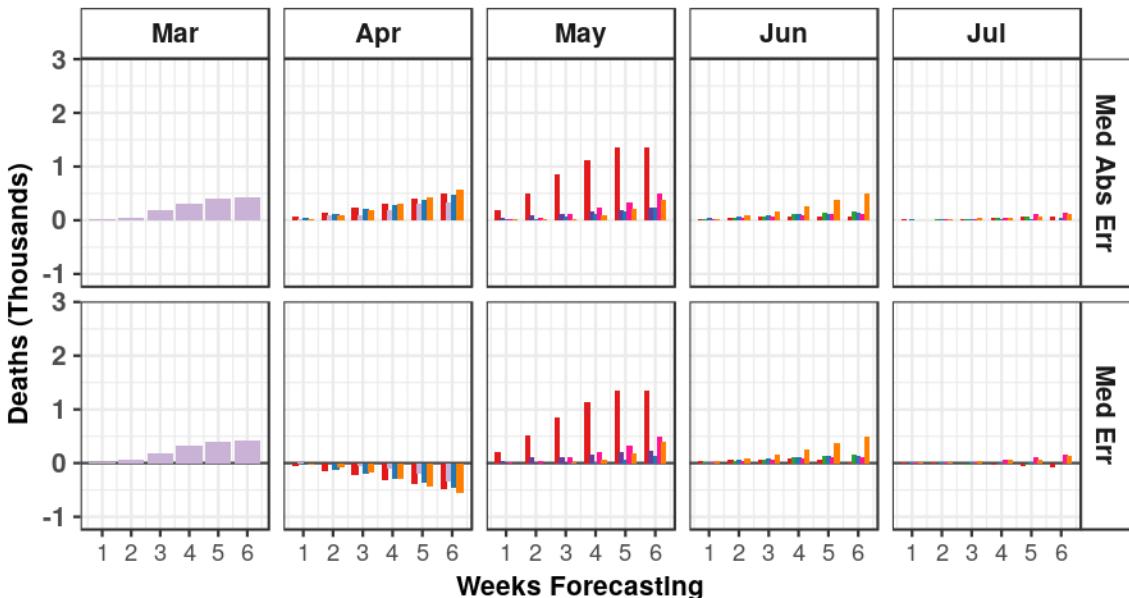
# Minnesota

## Current Forecast

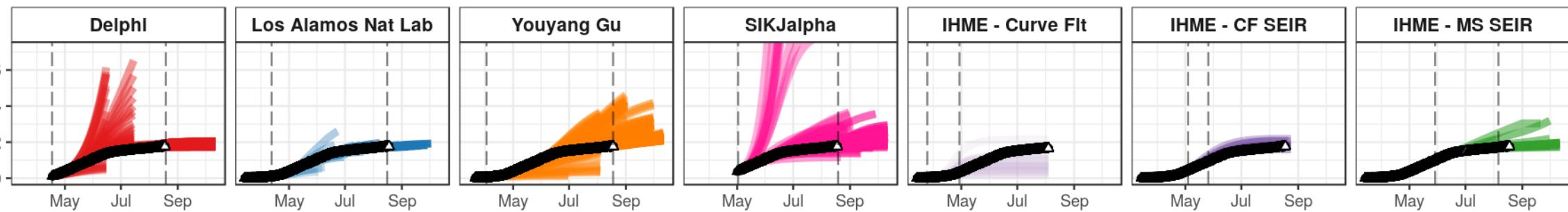
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



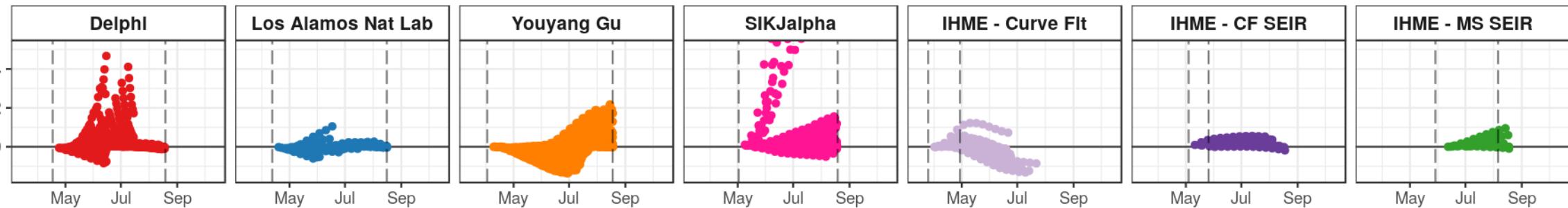
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



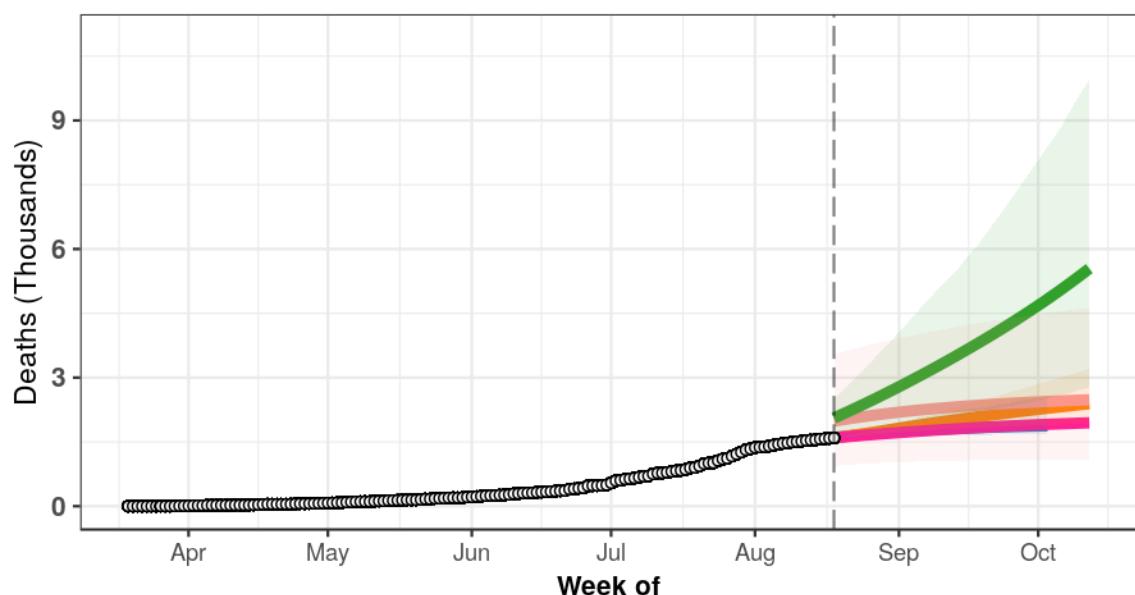
## All Cumulative Errors



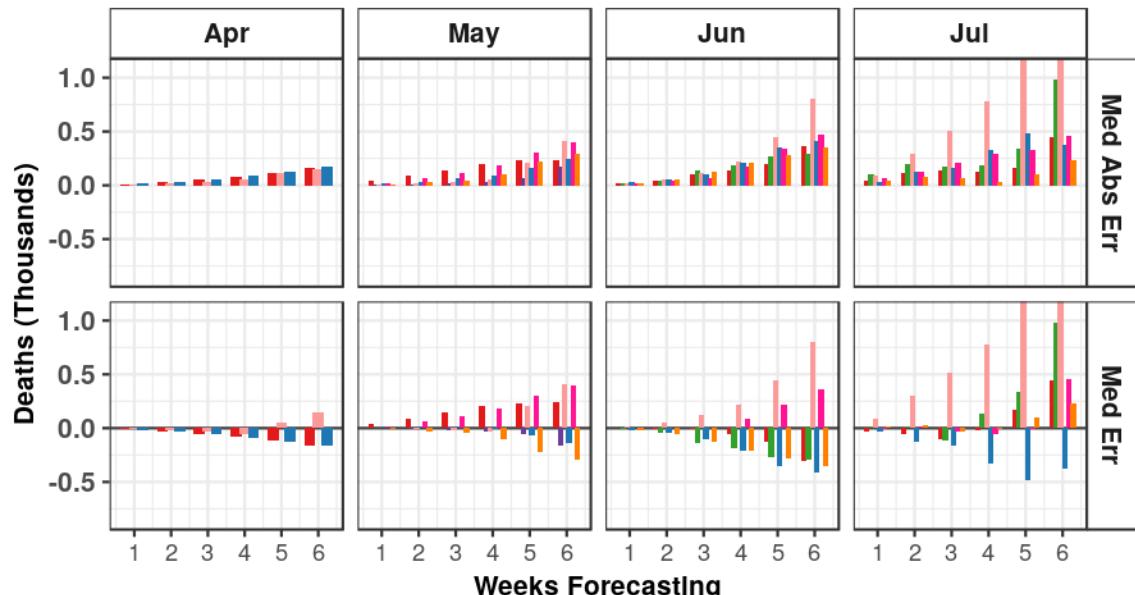
# Honduras

## Current Forecast

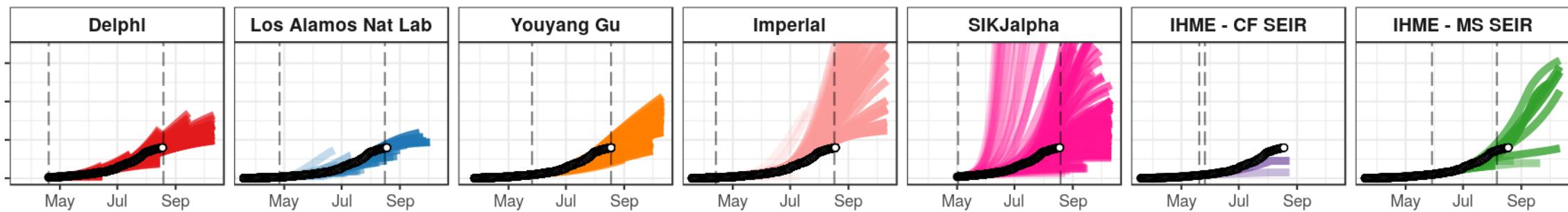
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



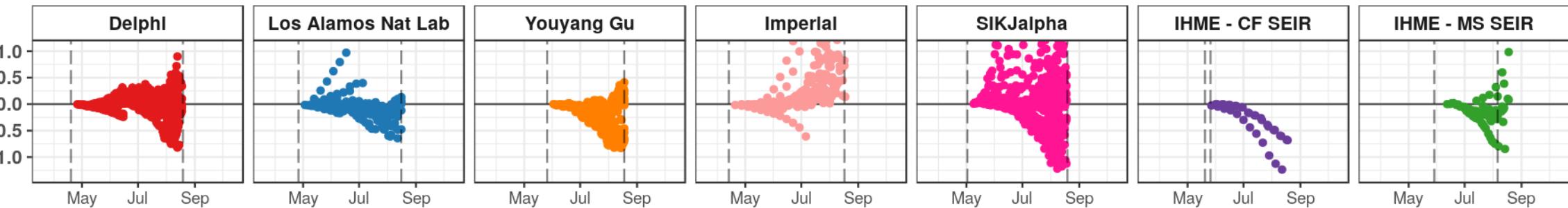
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



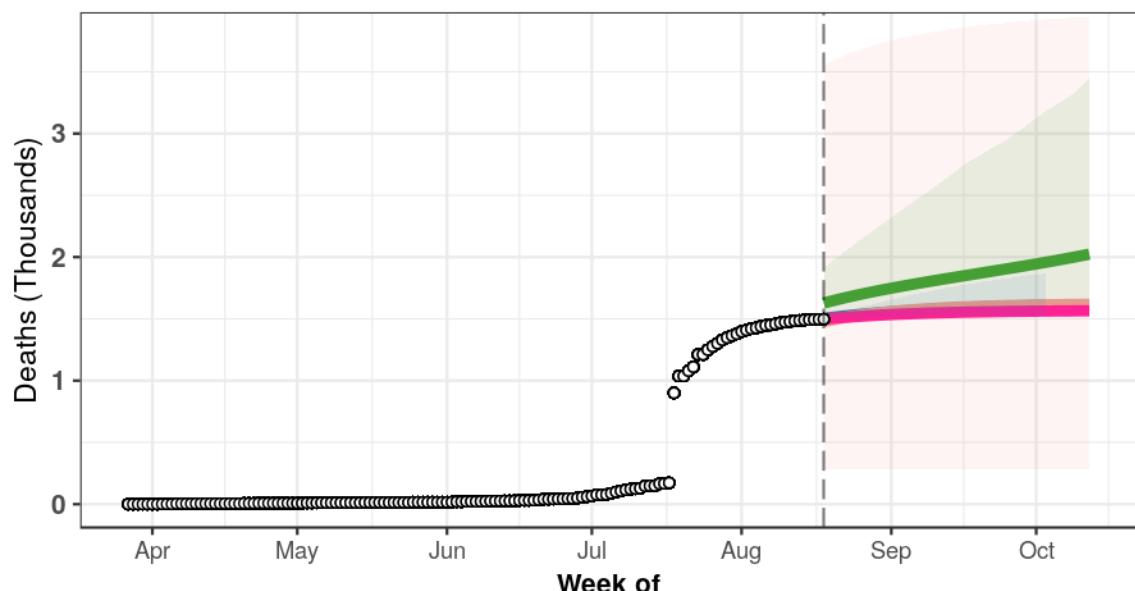
## All Cumulative Errors



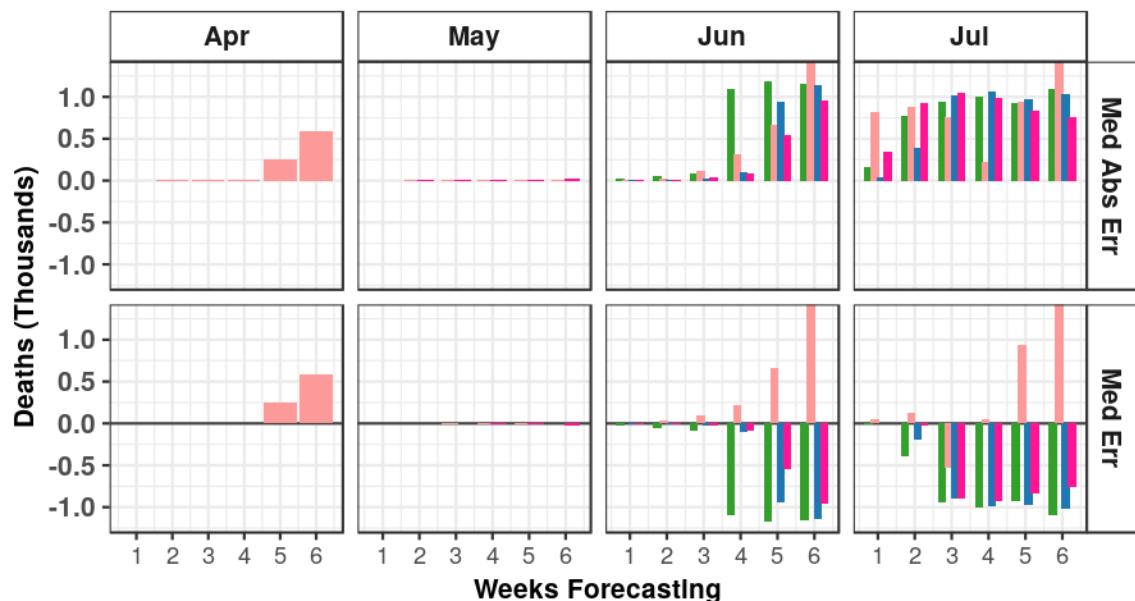
# Kyrgyzstan

## Current Forecast

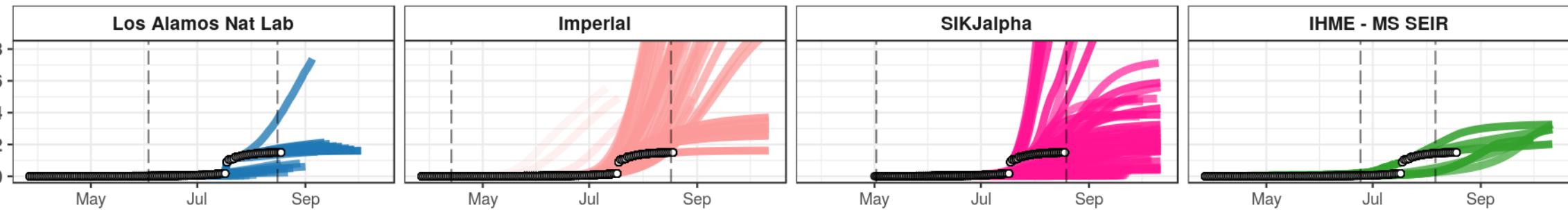
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



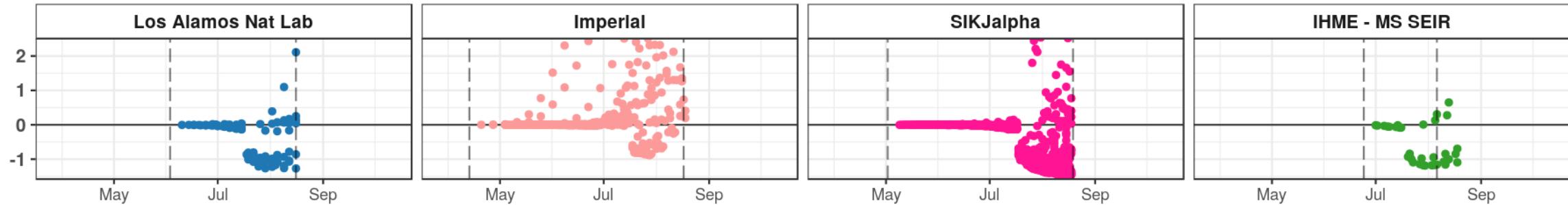
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



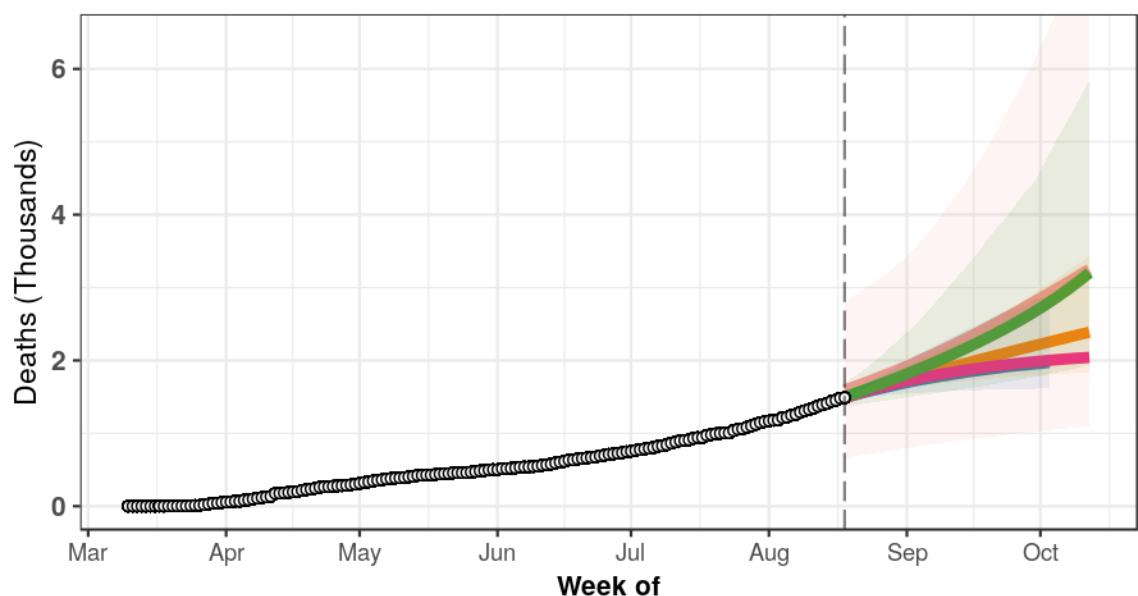
## All Cumulative Errors



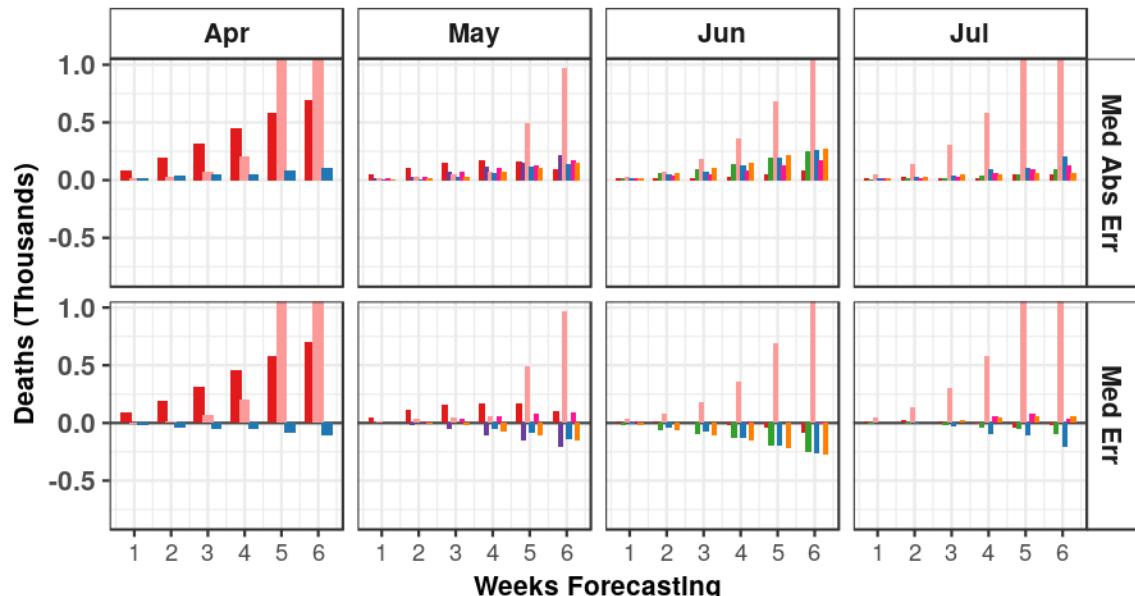
# Dominican Republic

## Current Forecast

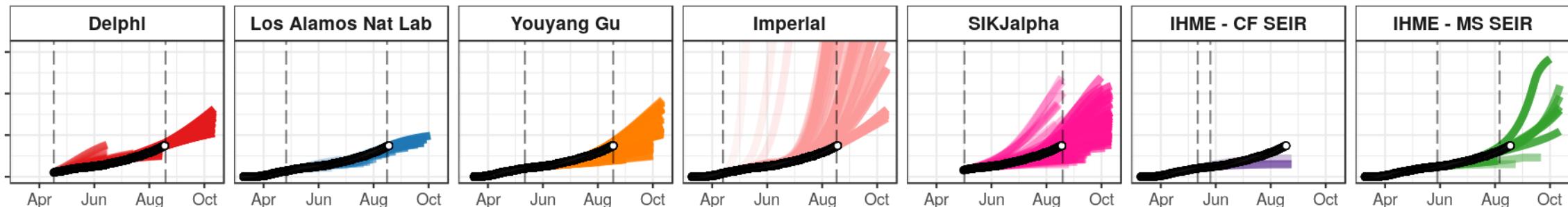
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



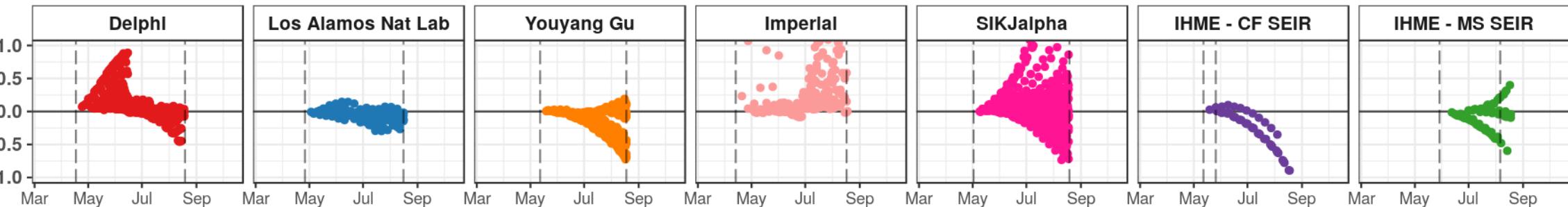
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



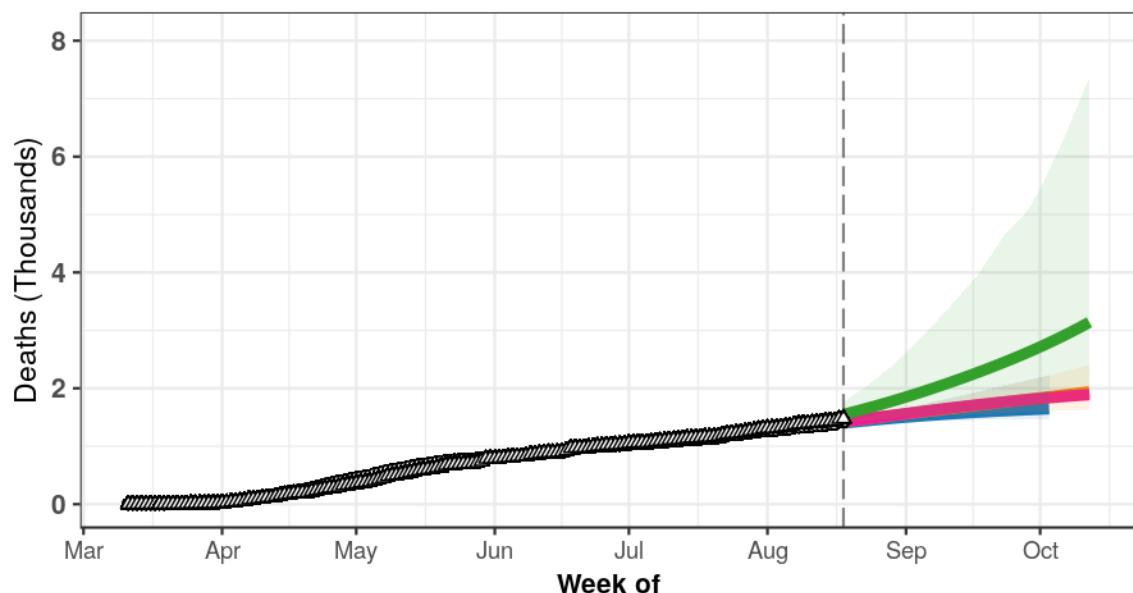
## All Cumulative Errors



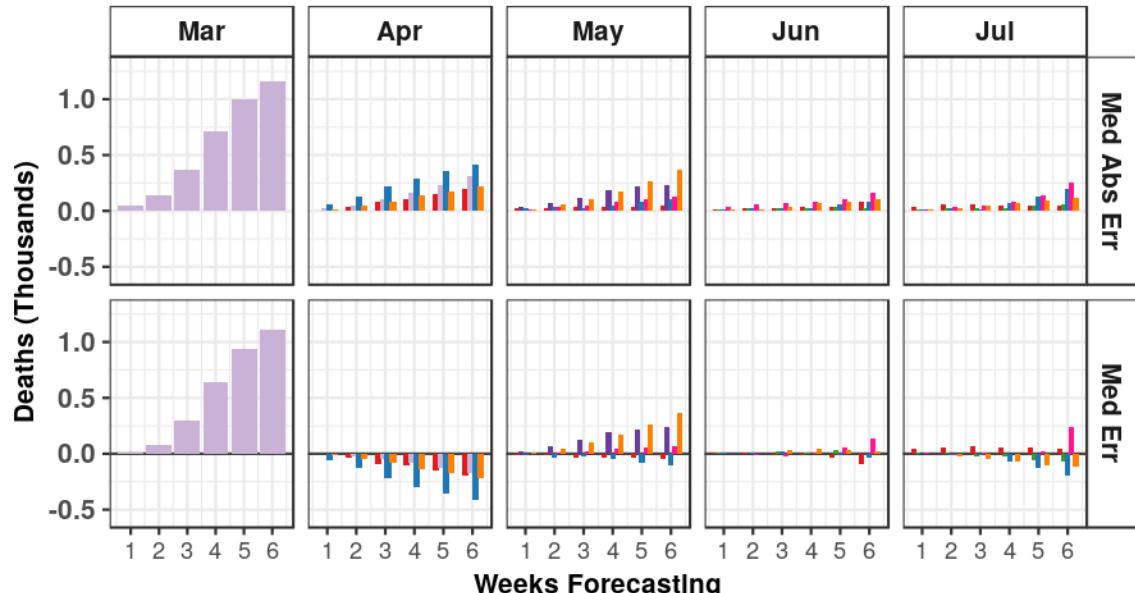
# Missouri

## Current Forecast

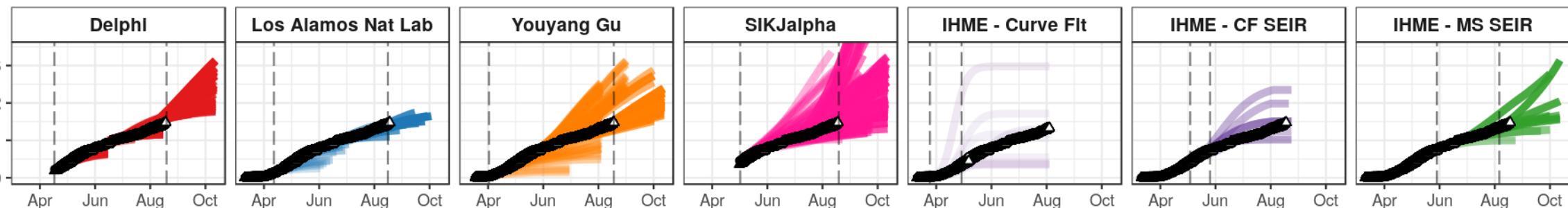
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



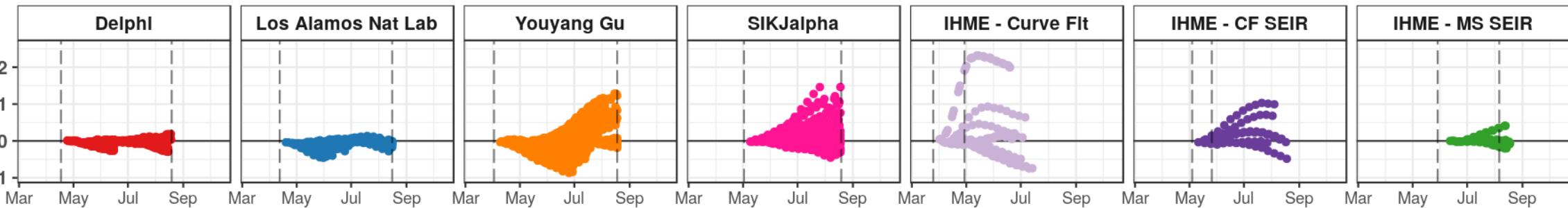
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



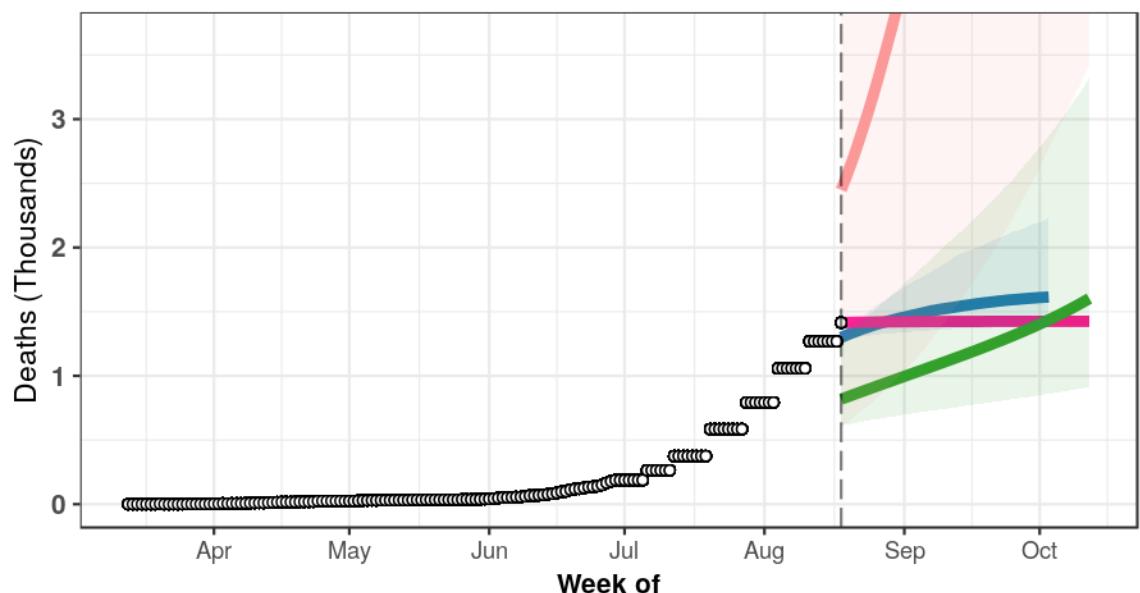
## All Cumulative Errors



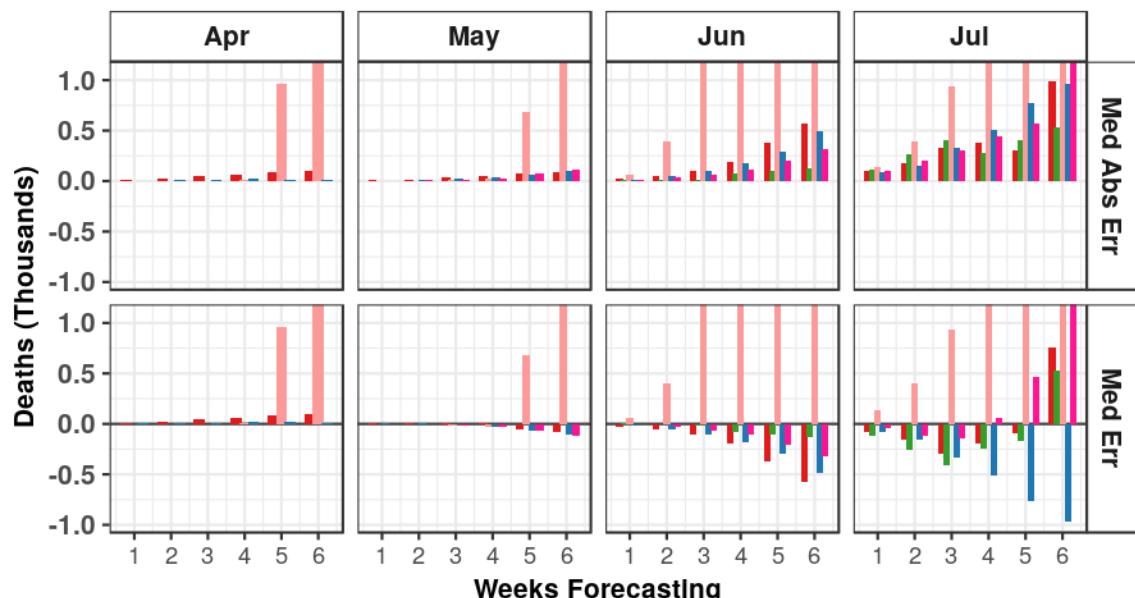
# Kazakhstan

## Current Forecast

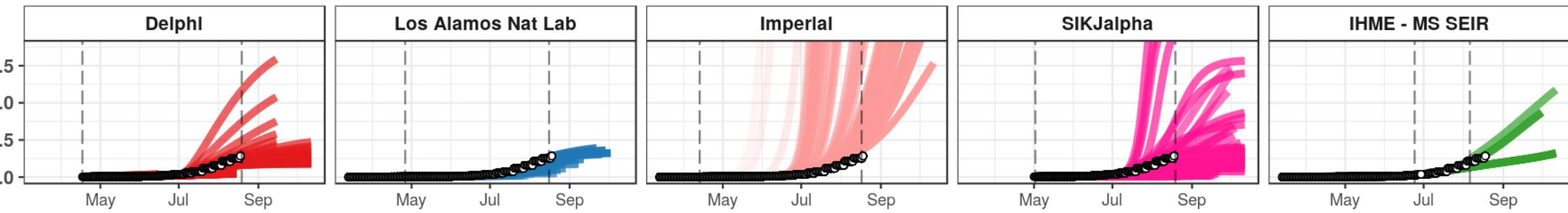
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



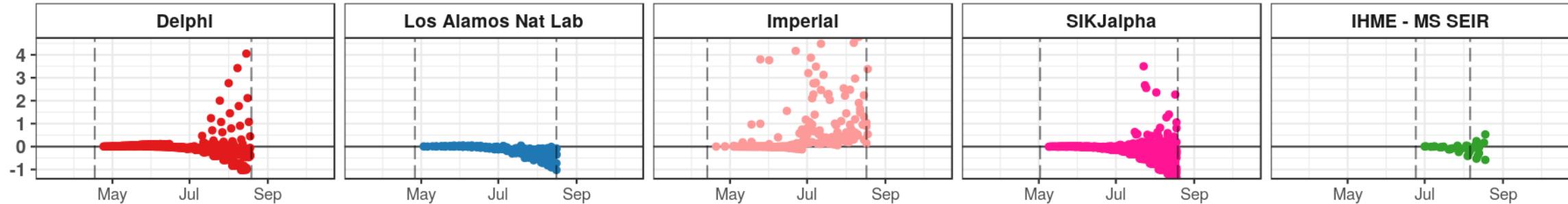
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



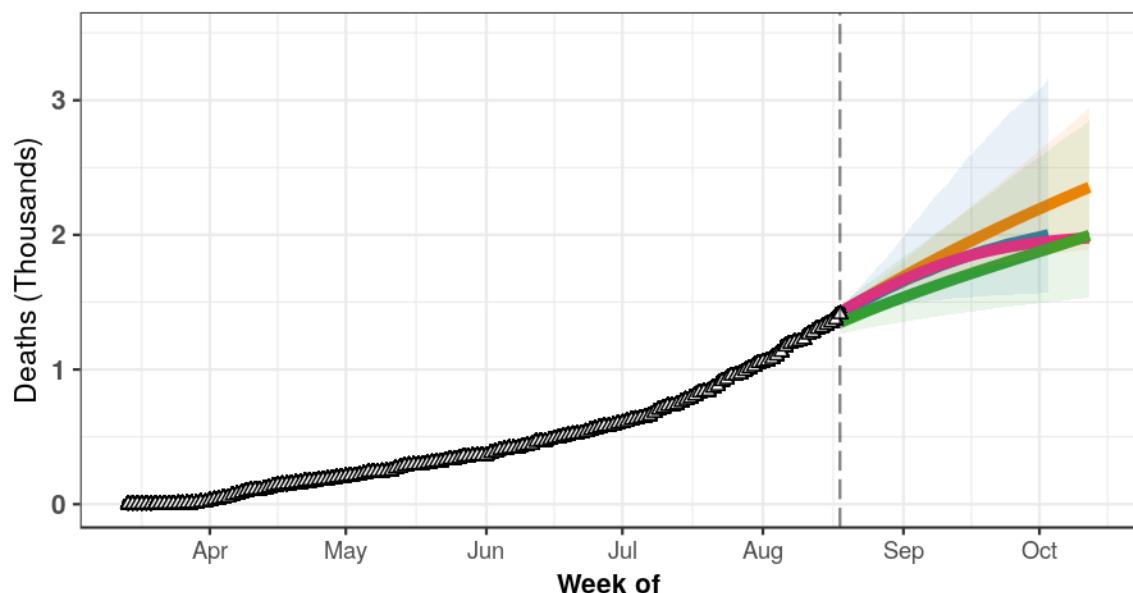
## All Cumulative Errors



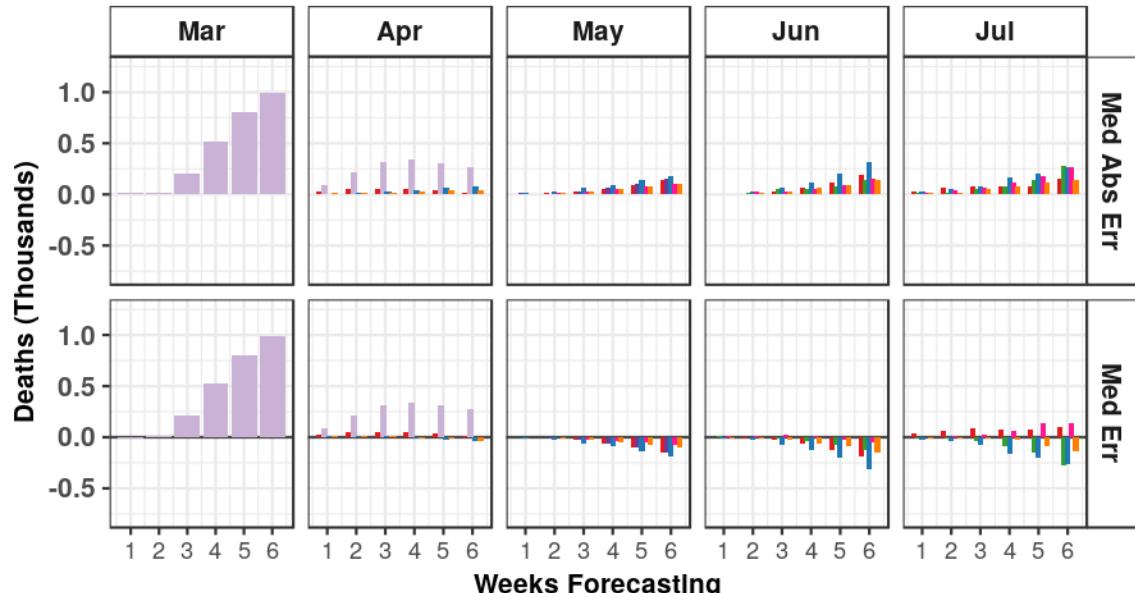
# Tennessee

## Current Forecast

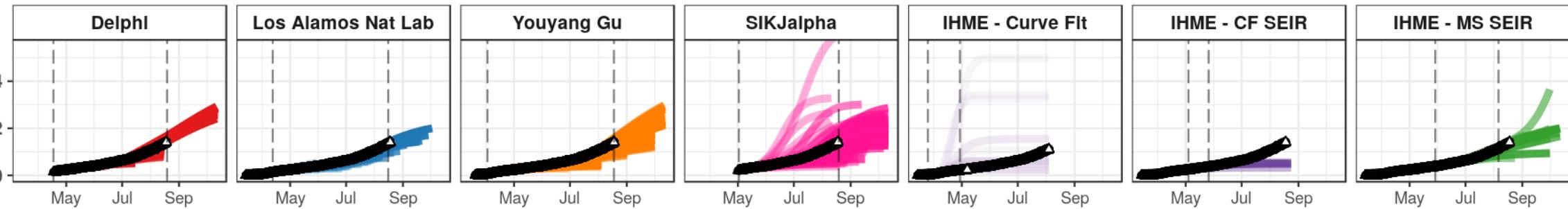
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



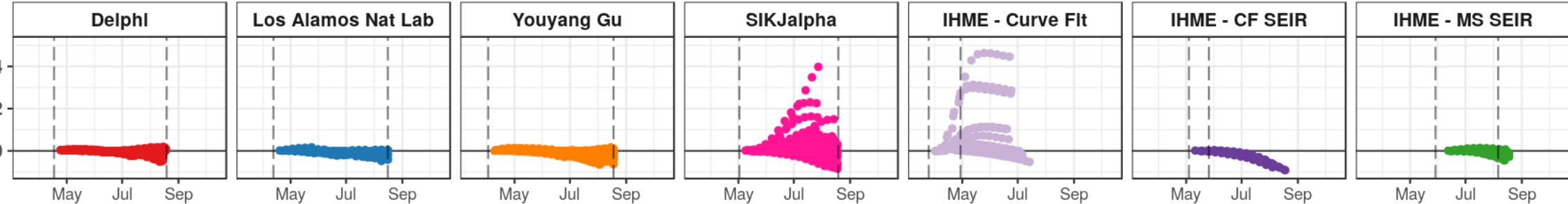
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



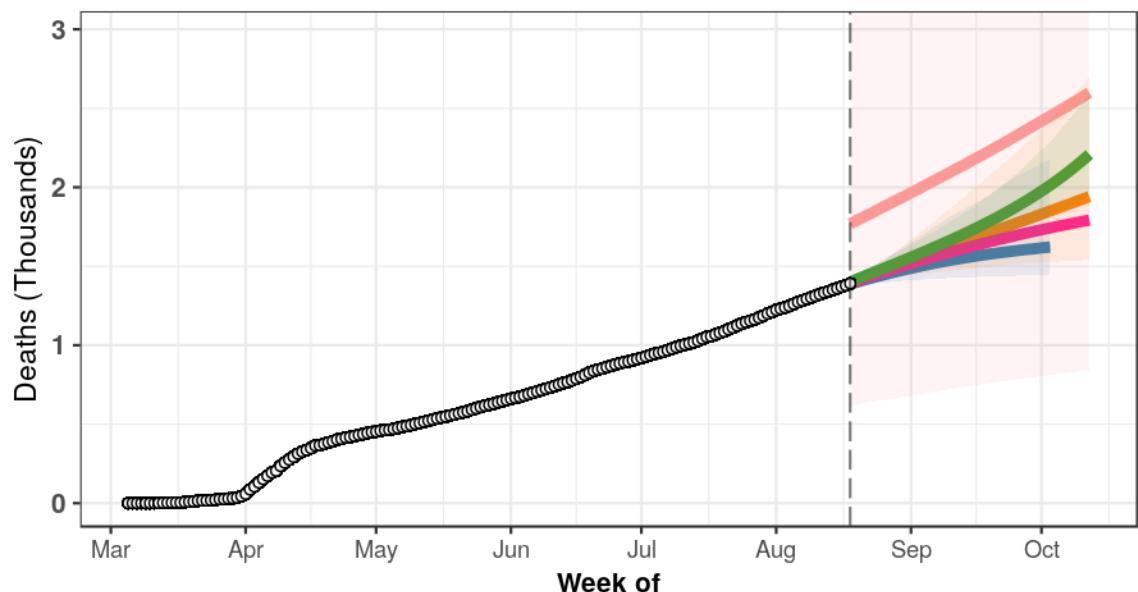
## All Cumulative Errors



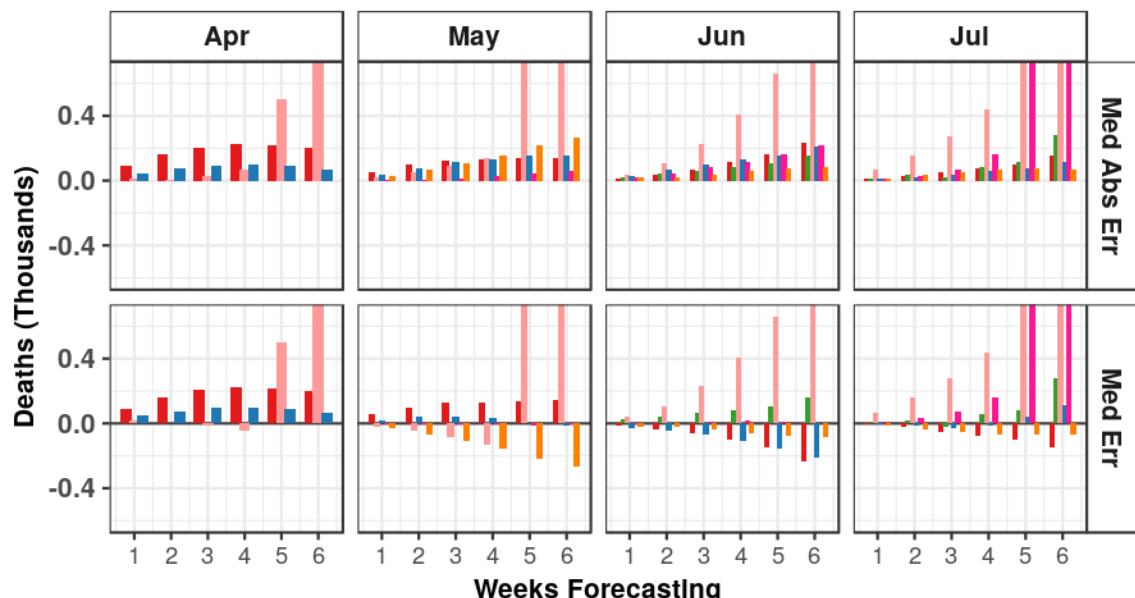
# Algeria

## Current Forecast

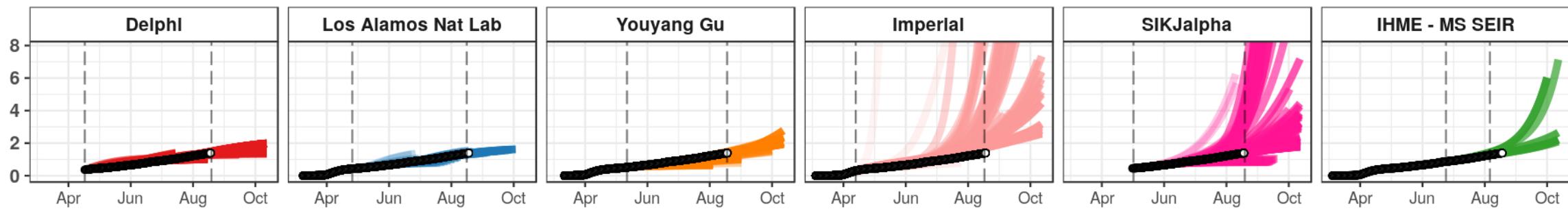
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



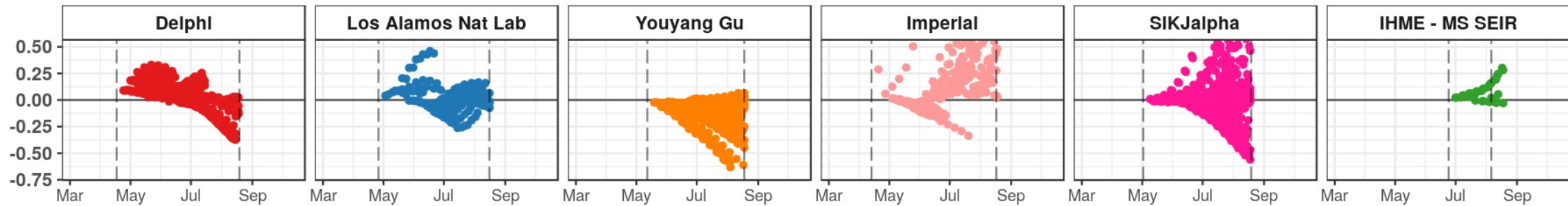
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



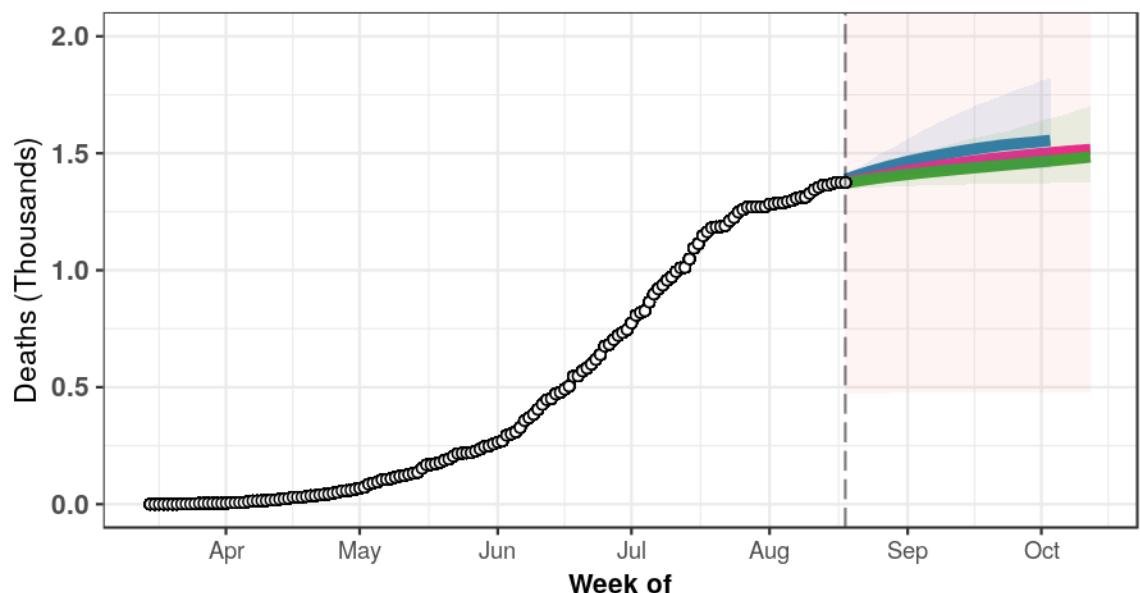
## All Cumulative Errors



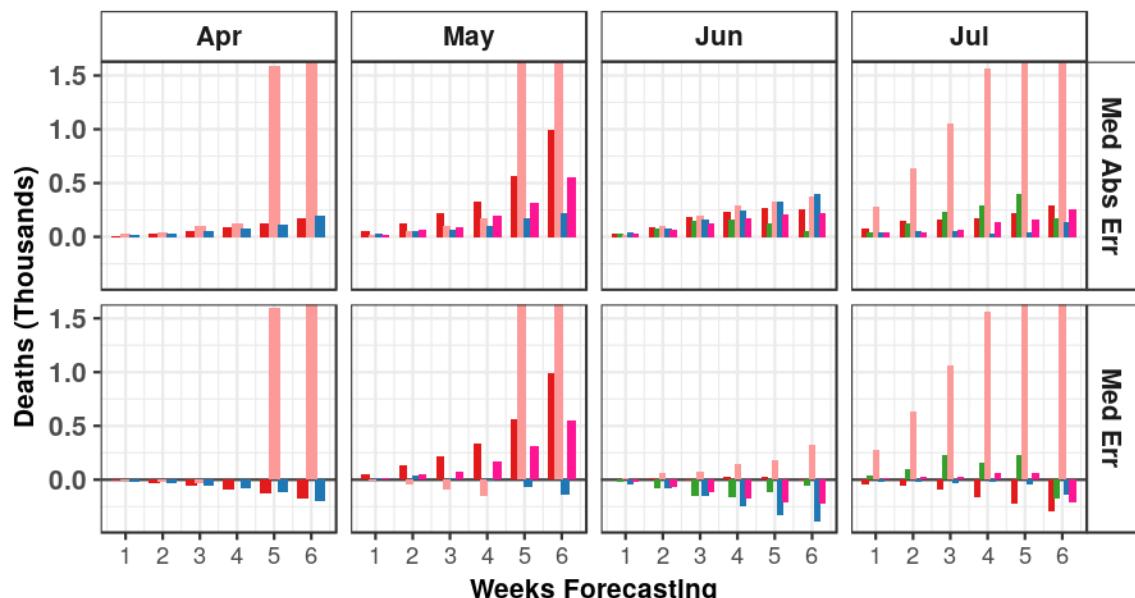
# Afghanistan

## Current Forecast

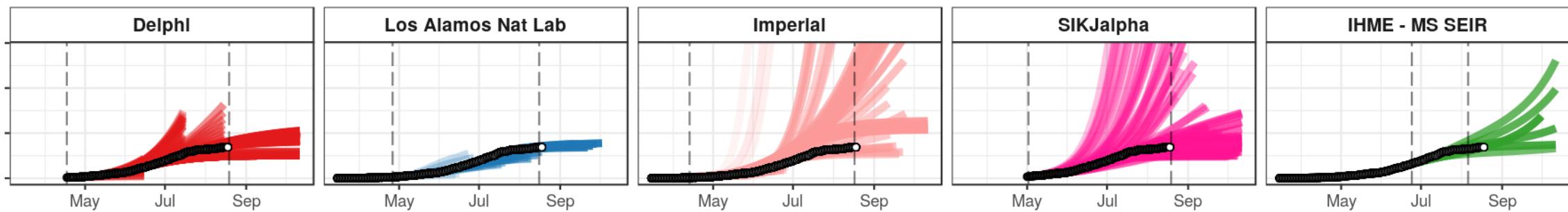
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



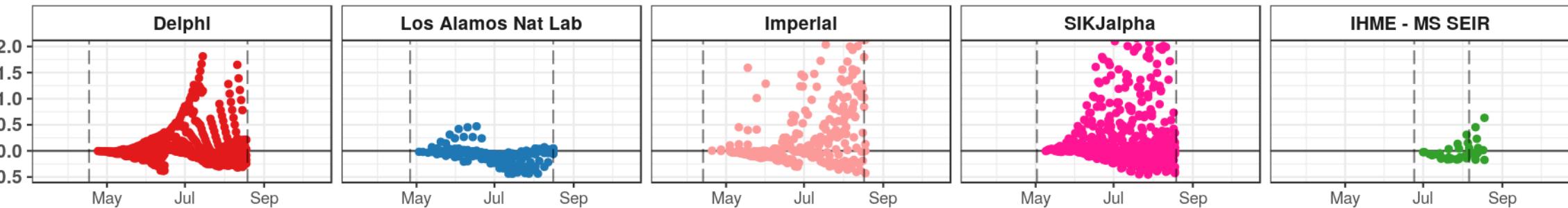
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



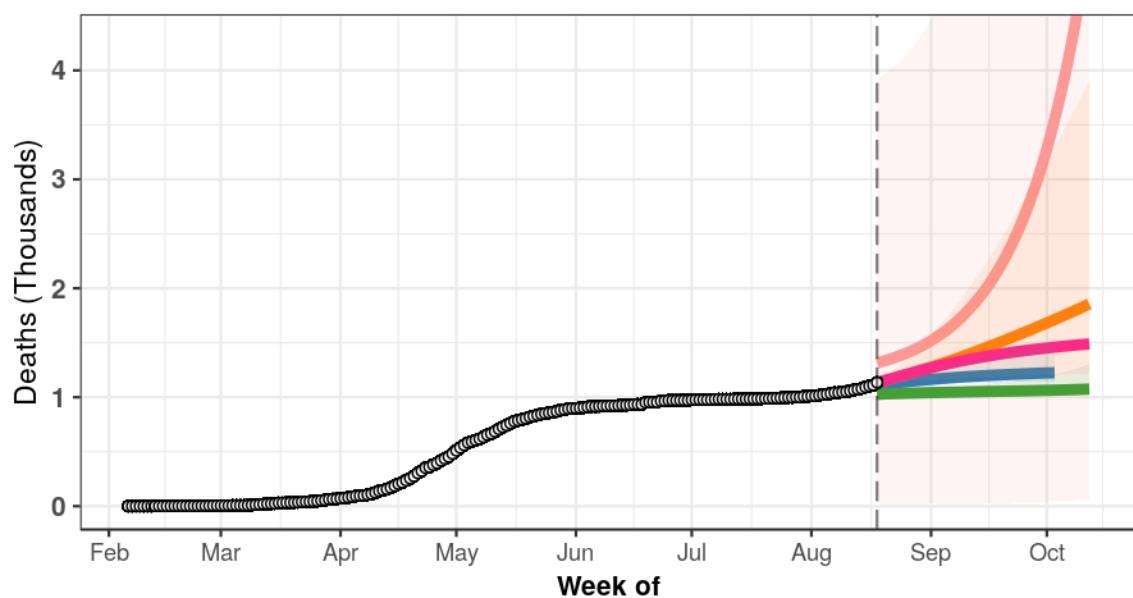
## All Cumulative Errors



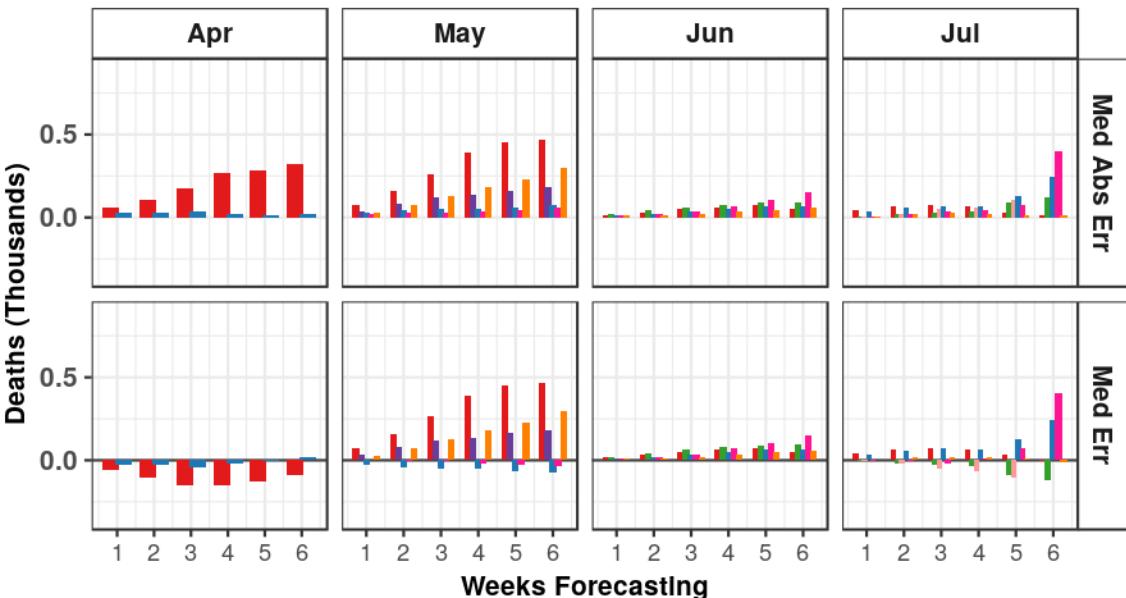
# Japan

## Current Forecast

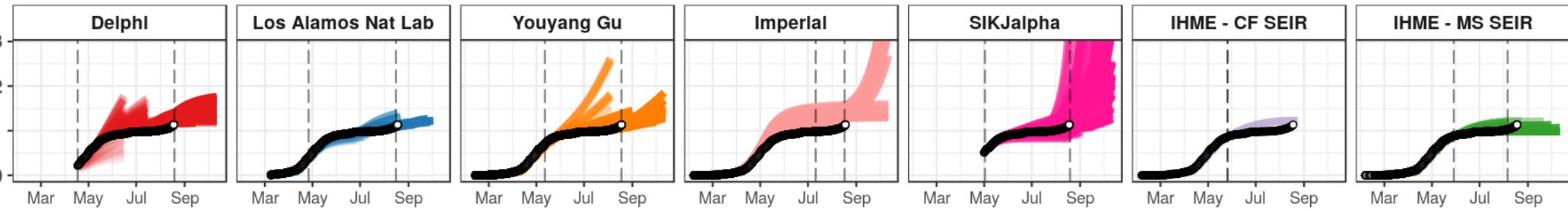
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



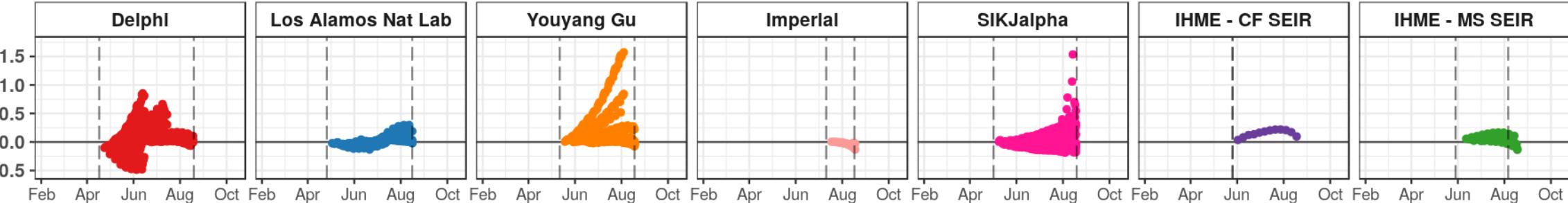
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



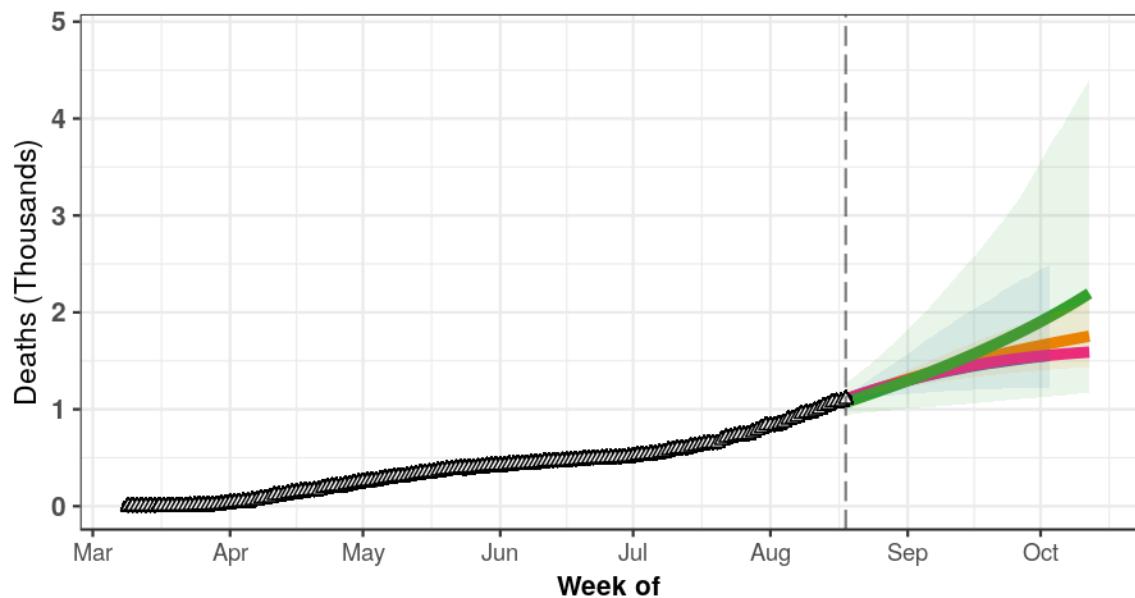
## All Cumulative Errors



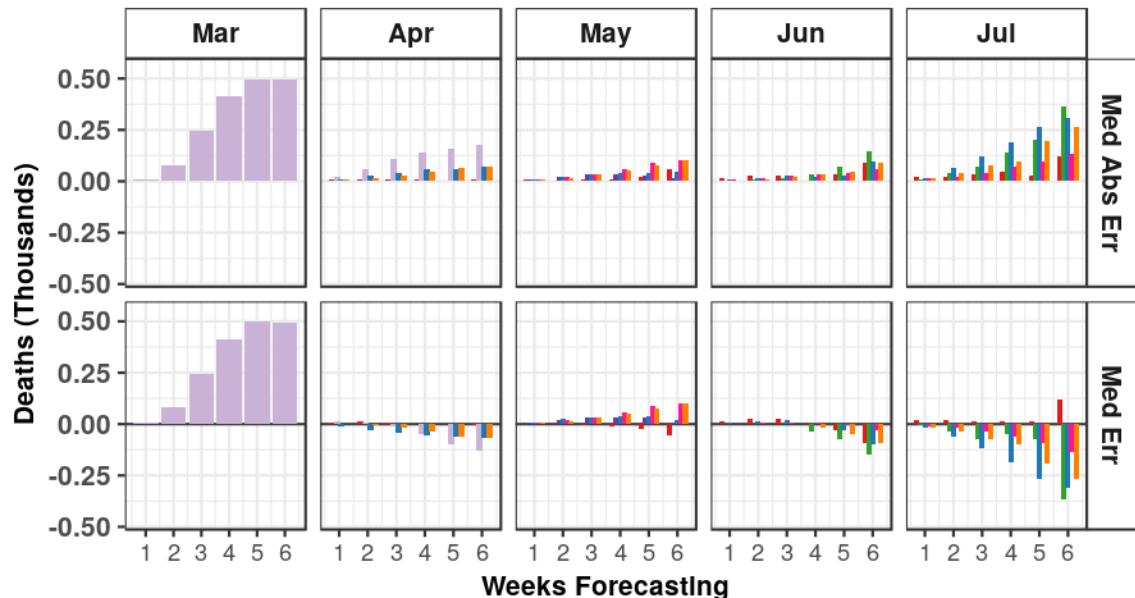
# Nevada

## Current Forecast

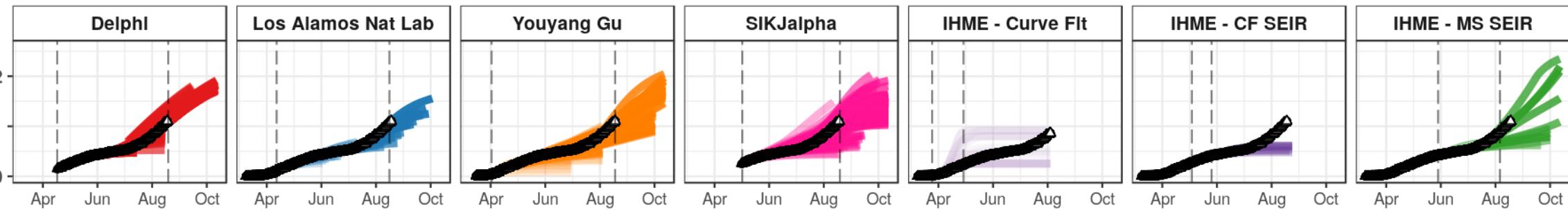
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



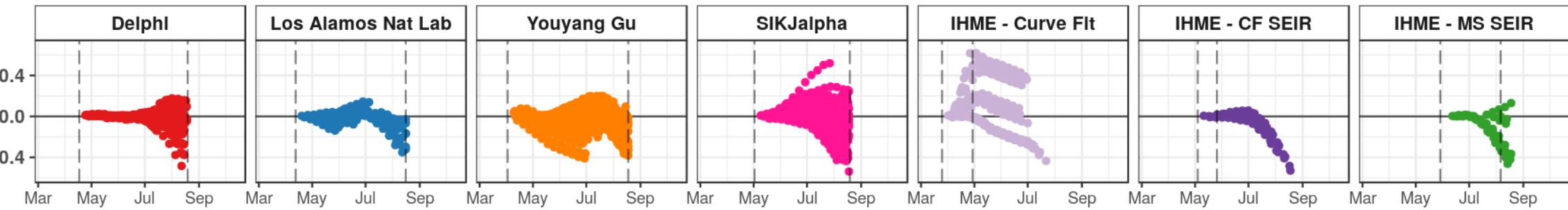
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



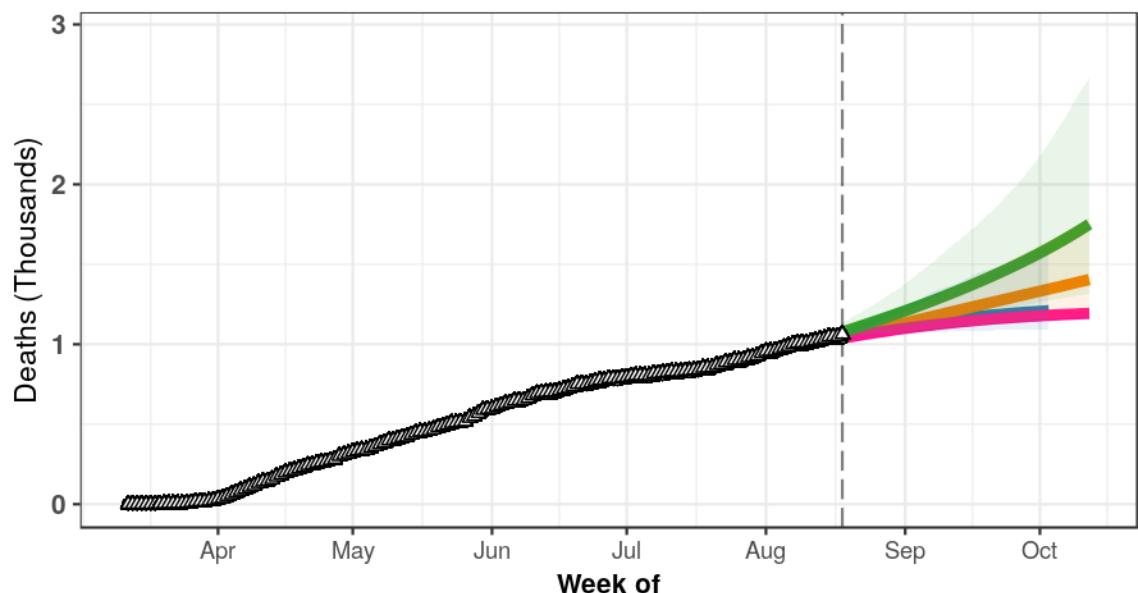
## All Cumulative Errors



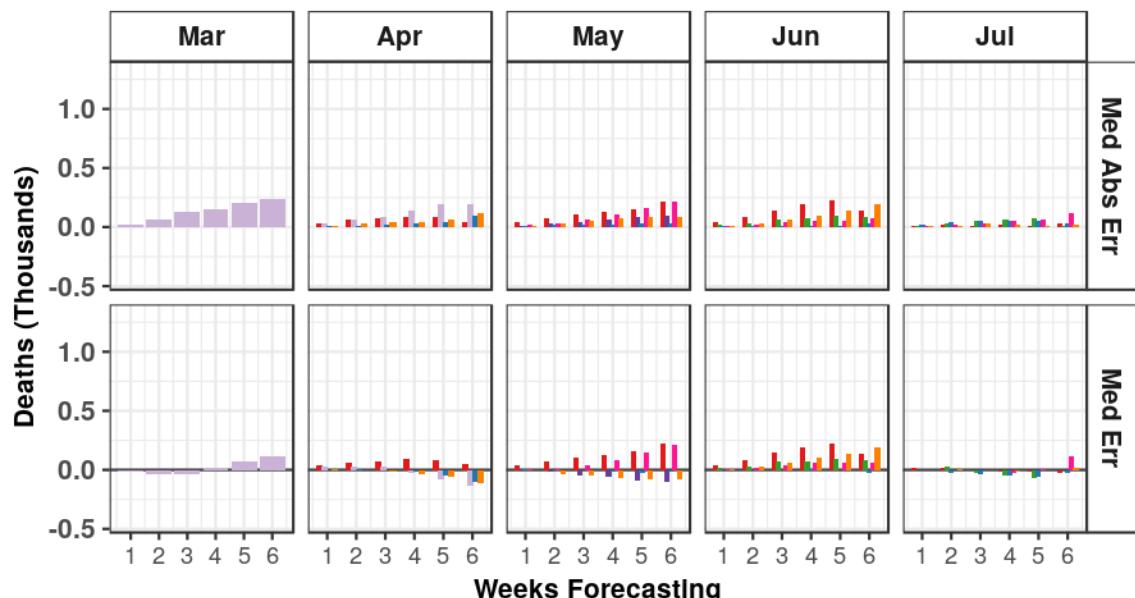
# Wisconsin

## Current Forecast

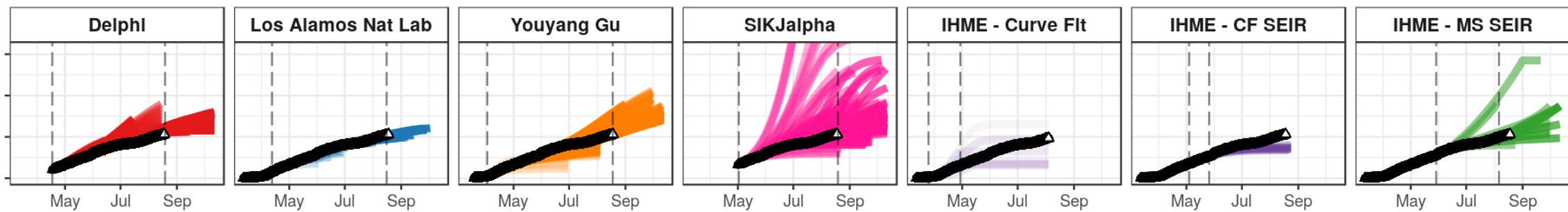
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



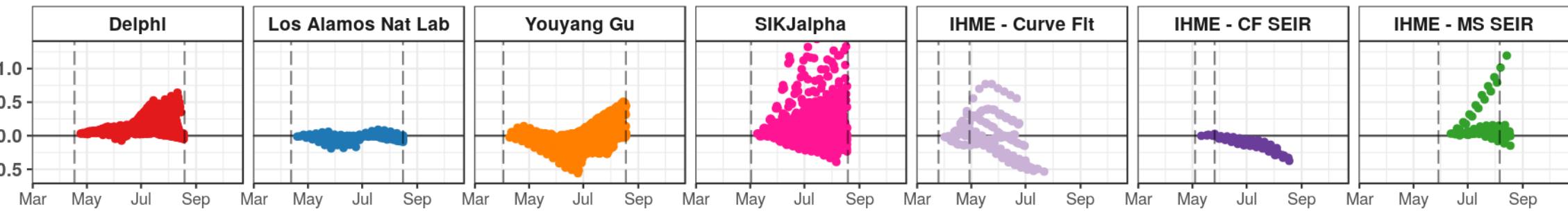
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



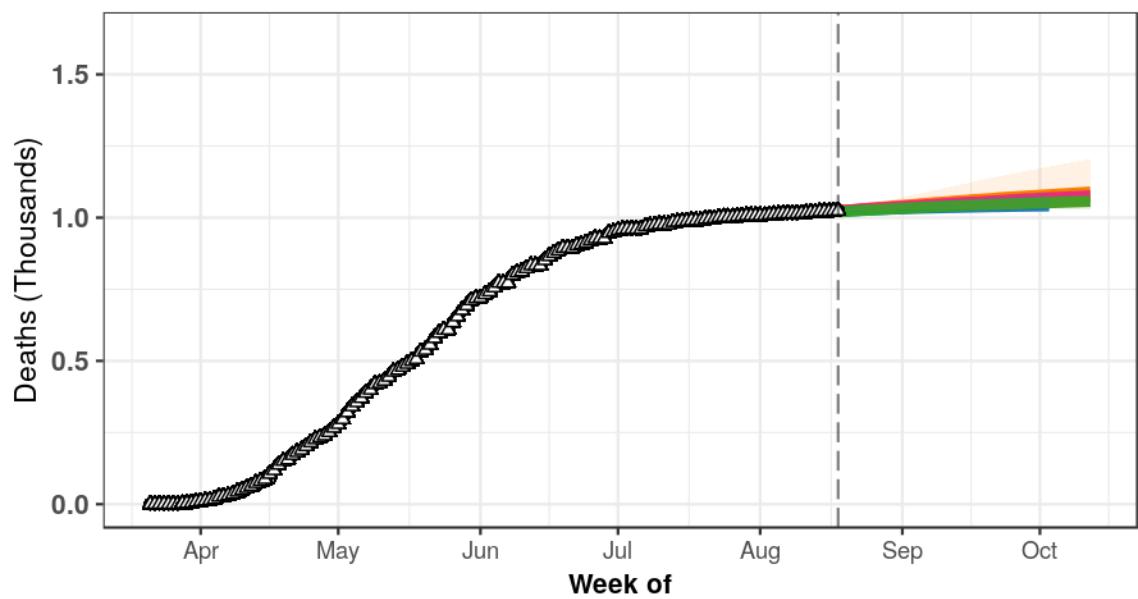
## All Cumulative Errors



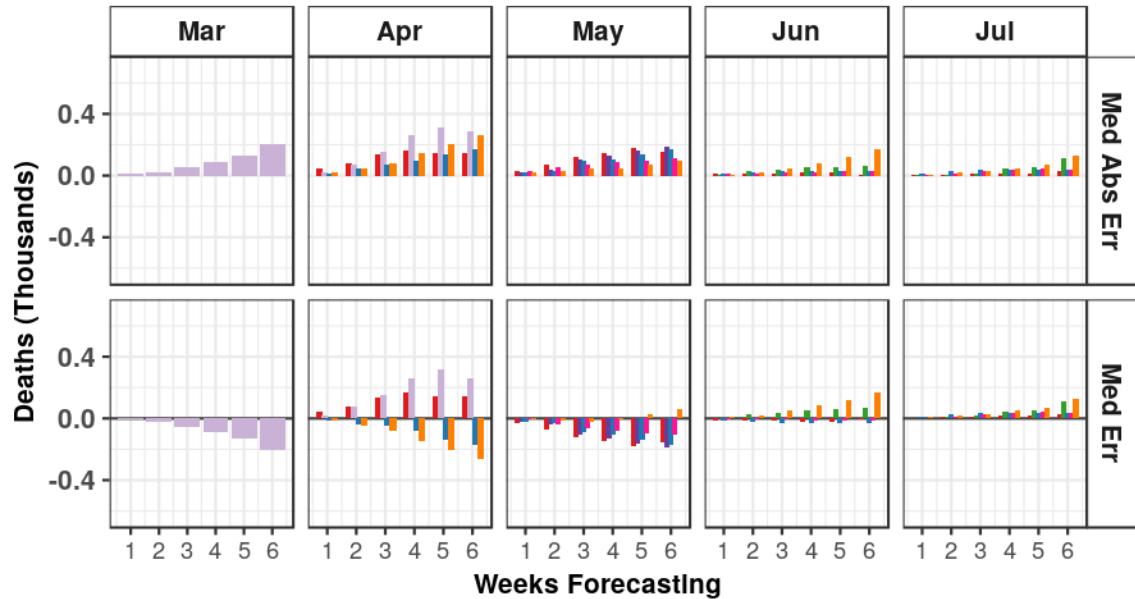
# Rhode Island

## Current Forecast

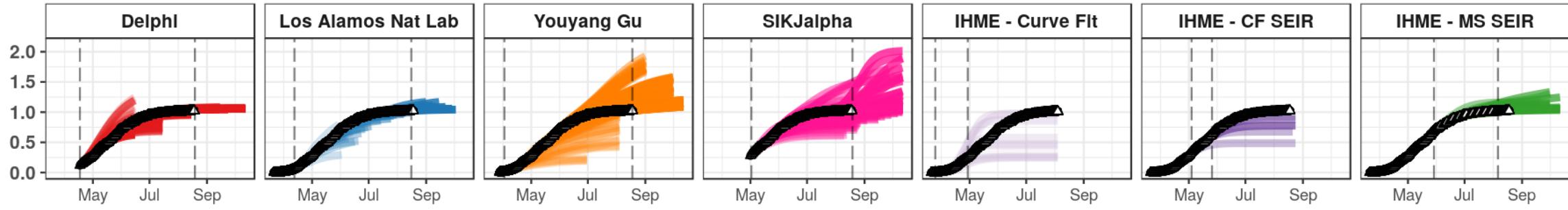
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



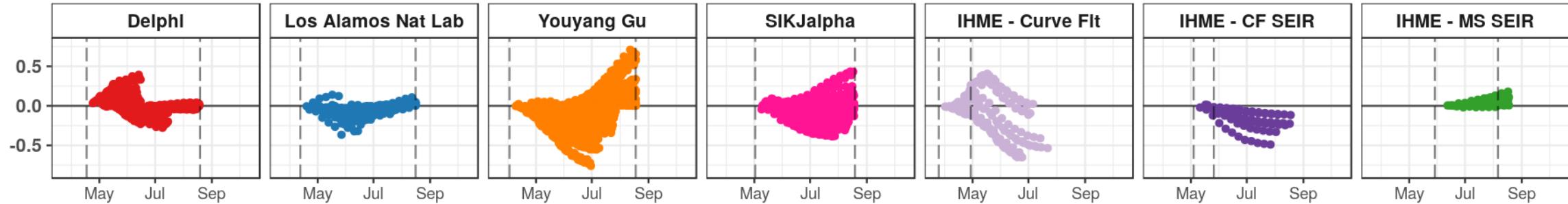
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



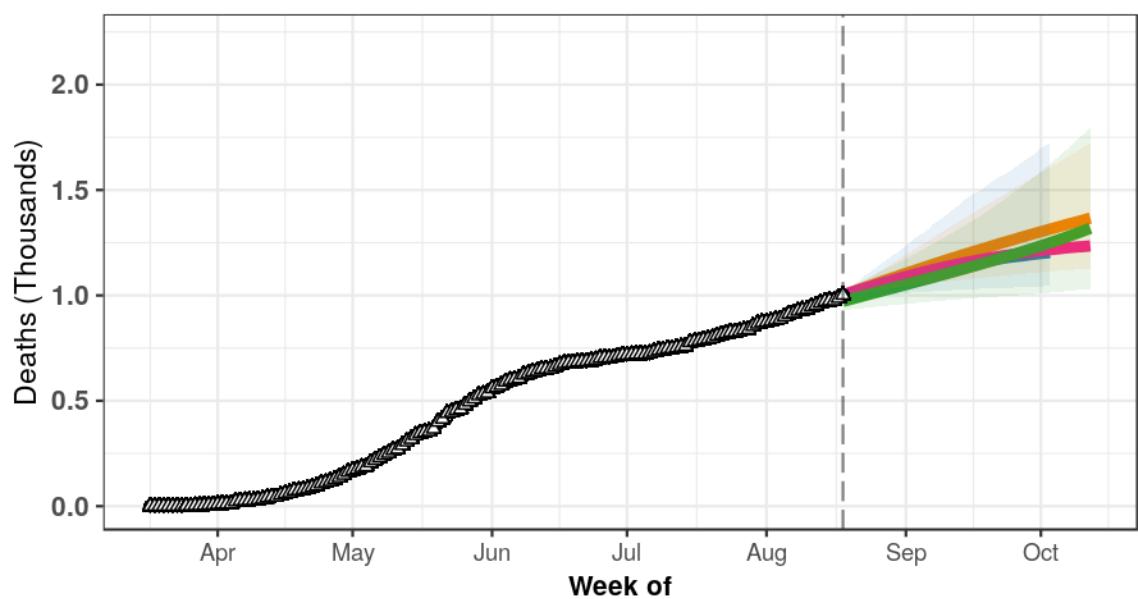
## All Cumulative Errors



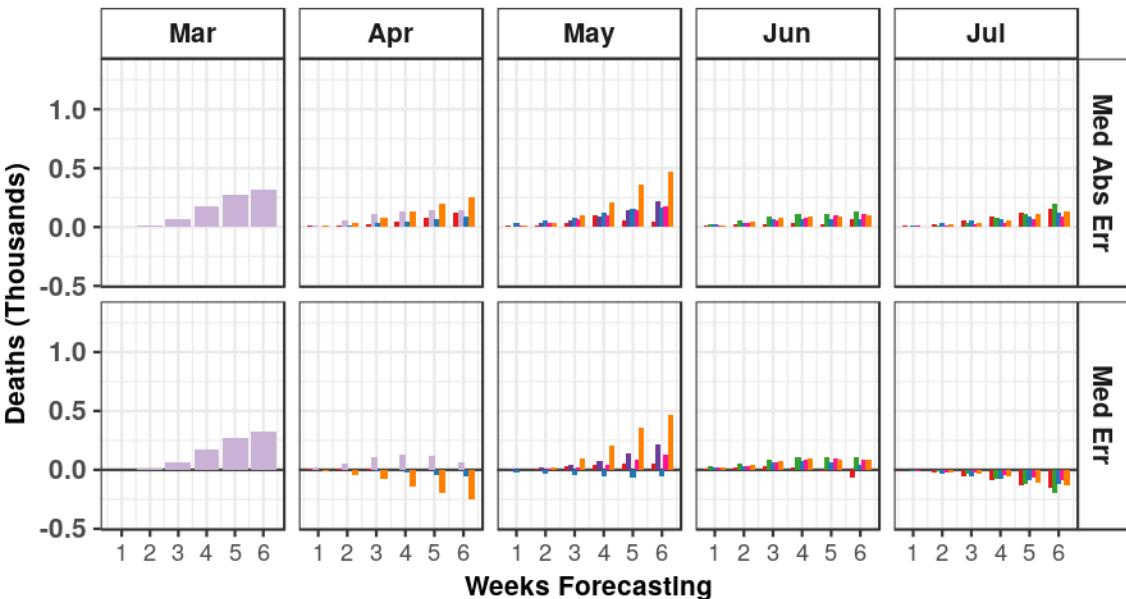
# Iowa

## Current Forecast

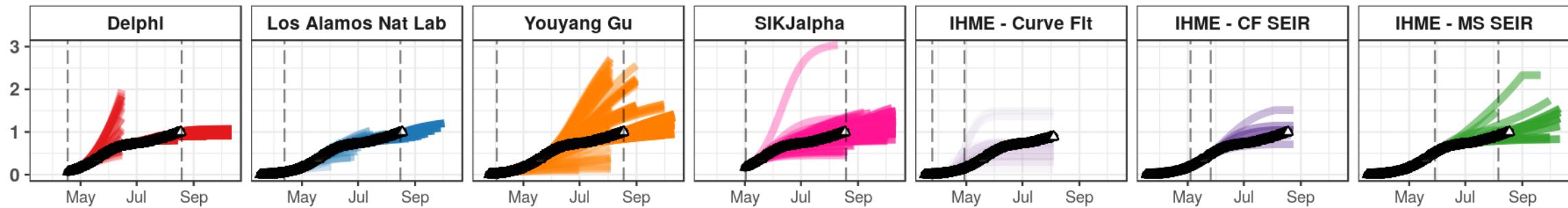
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



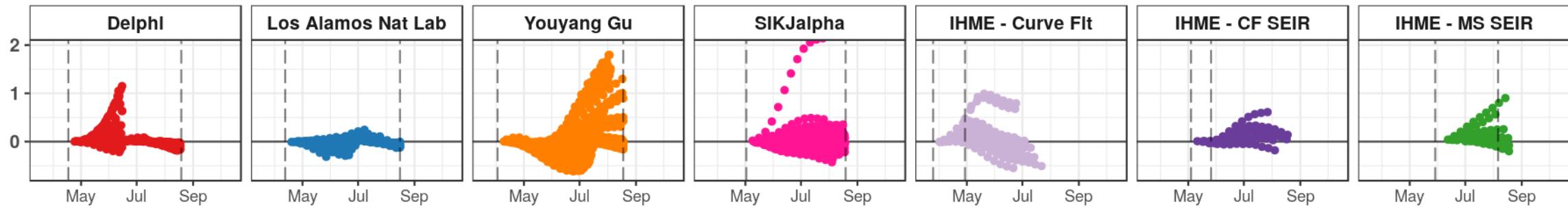
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



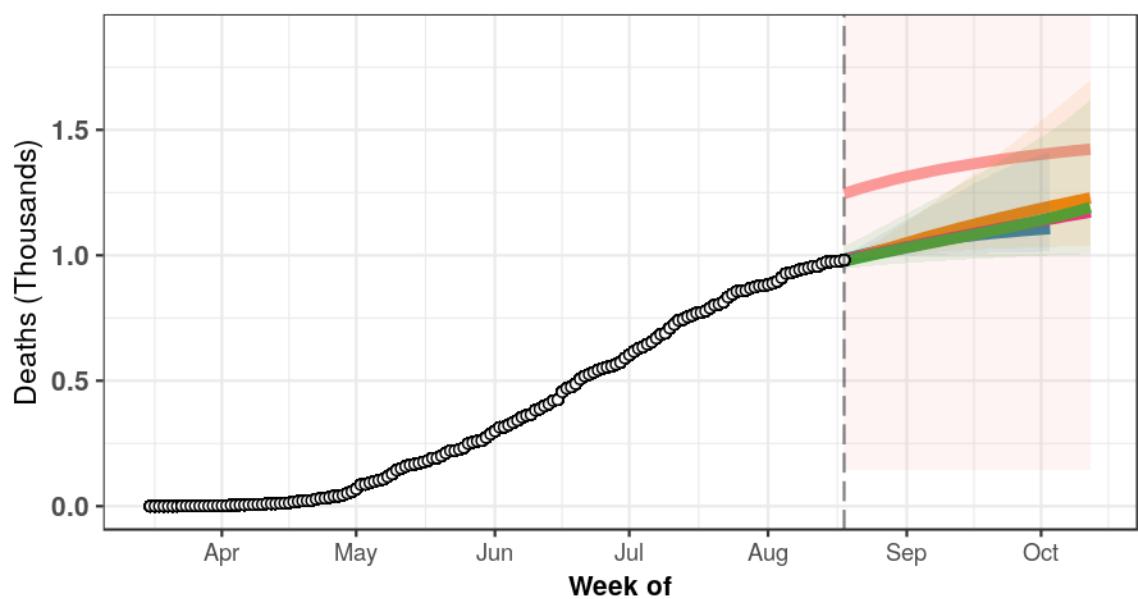
## All Cumulative Errors



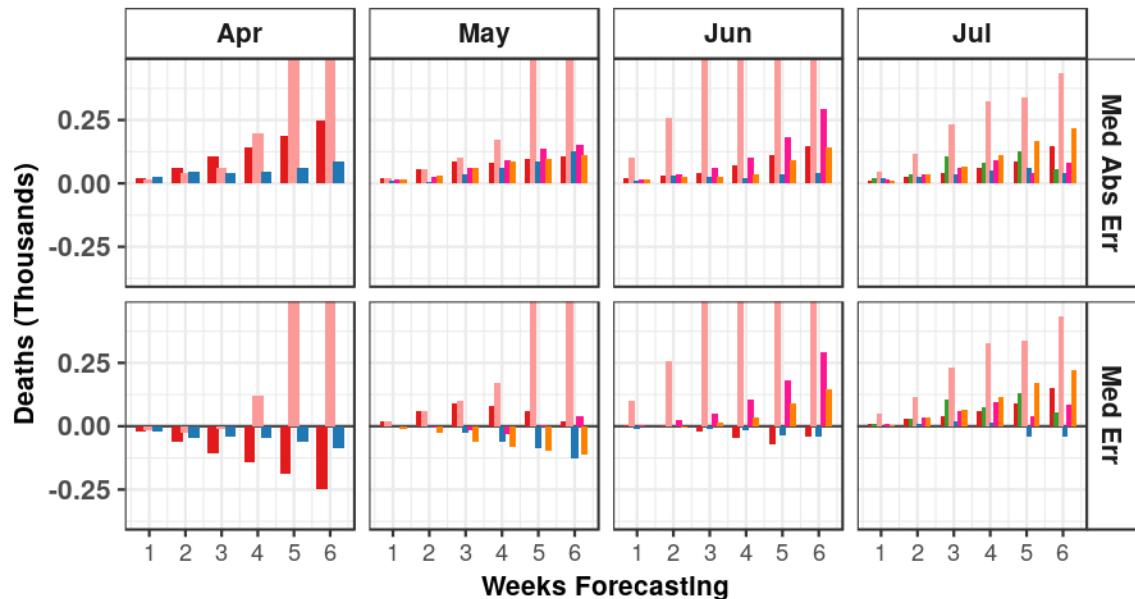
# Nigeria

## Current Forecast

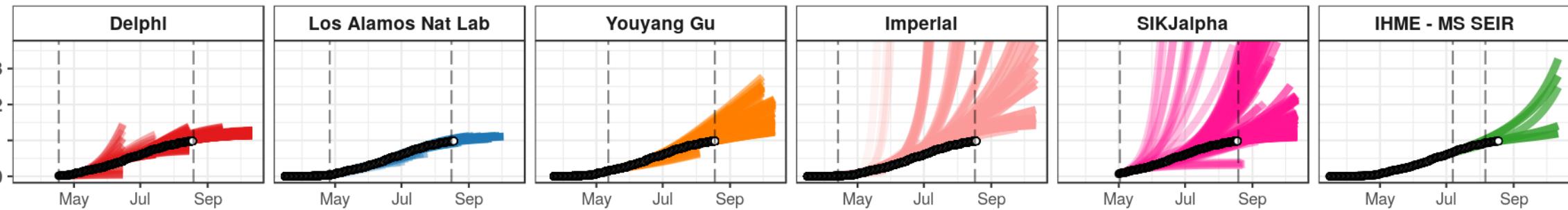
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



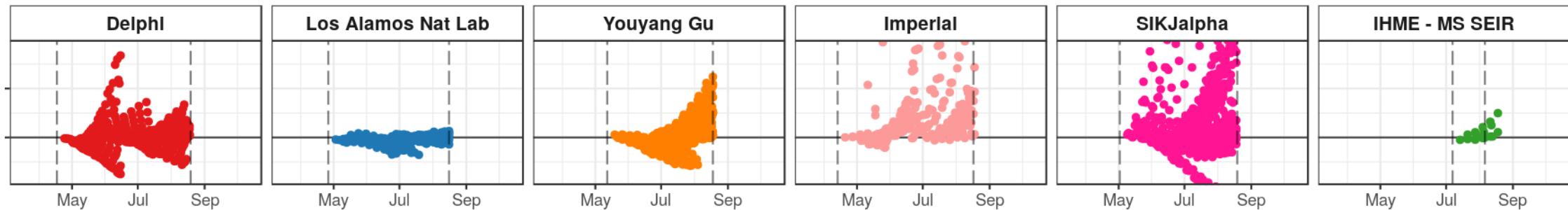
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



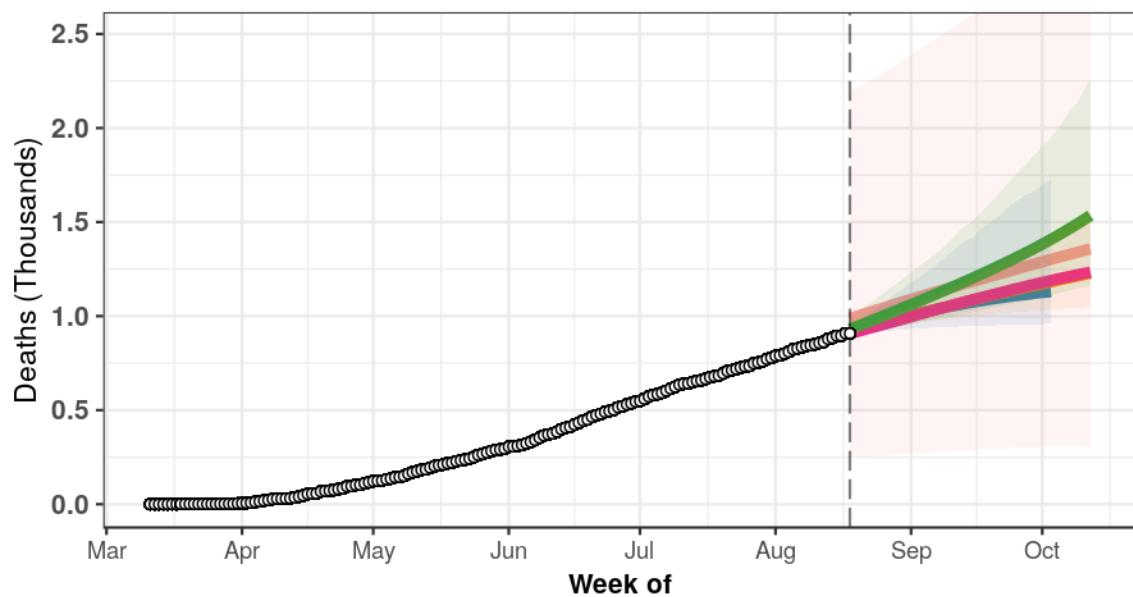
## All Cumulative Errors



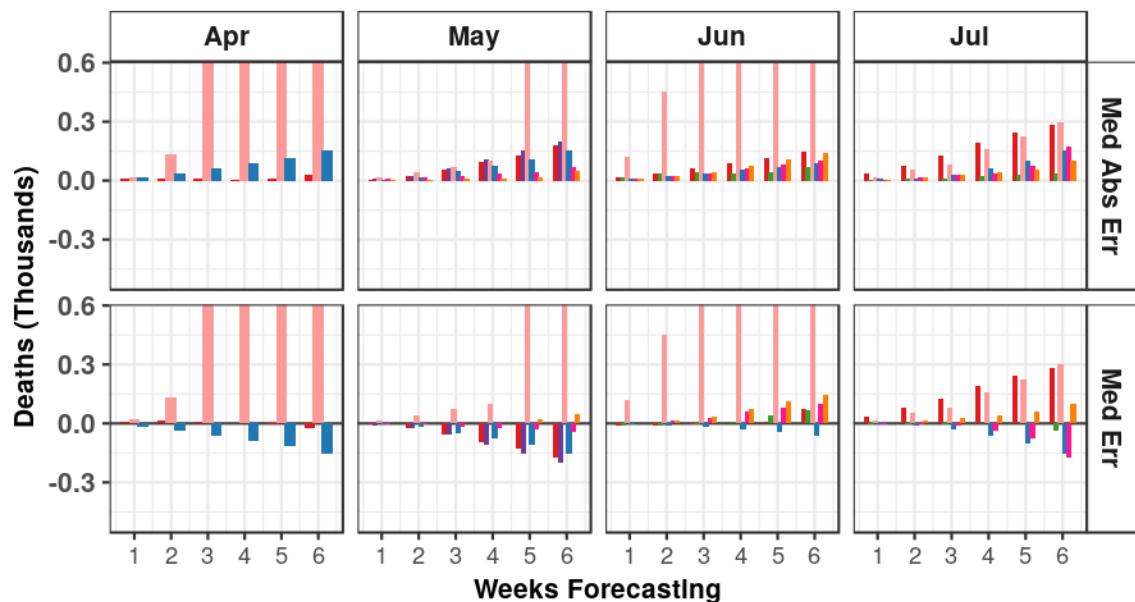
# Moldova

## Current Forecast

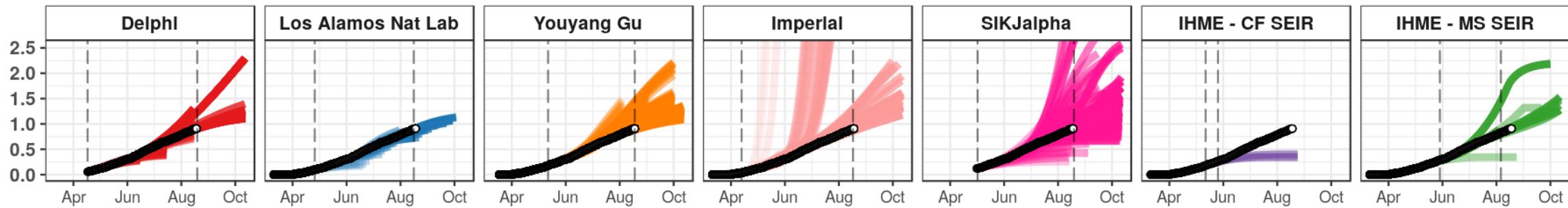
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



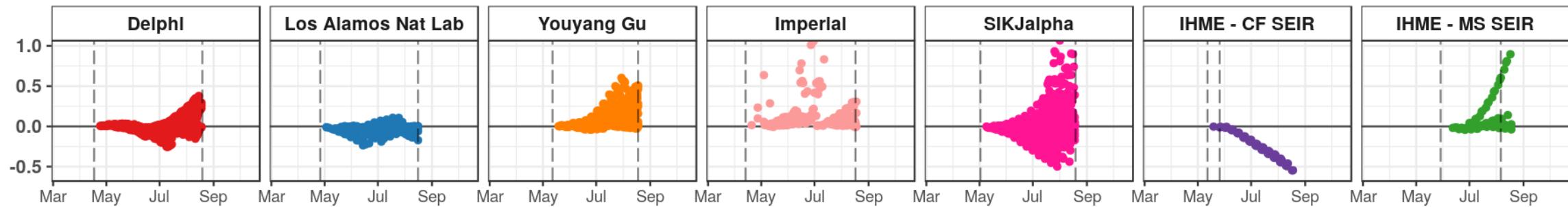
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



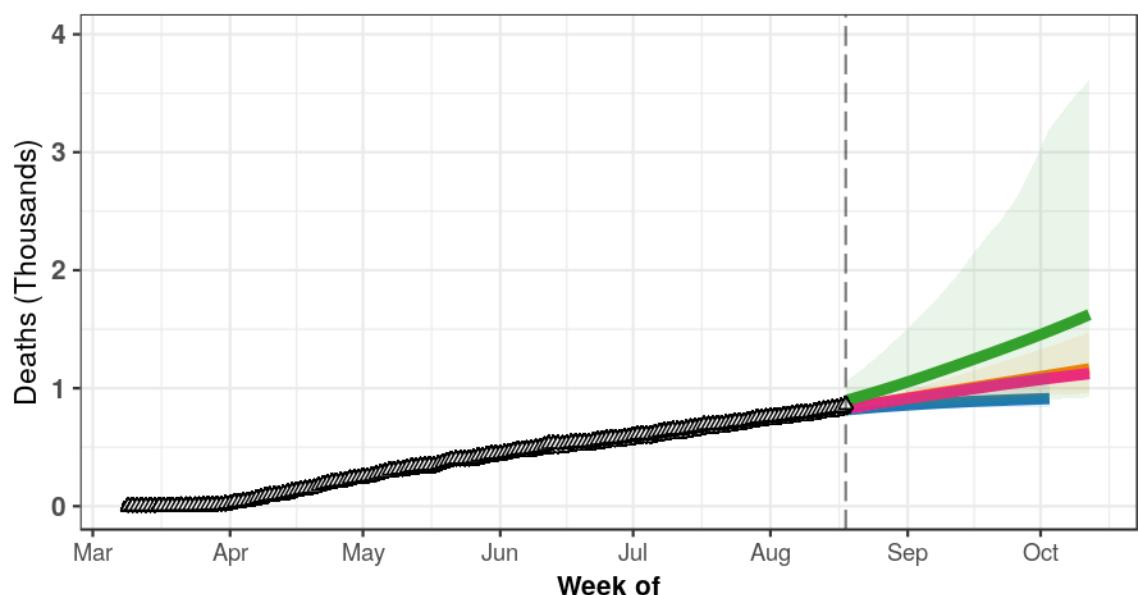
## All Cumulative Errors



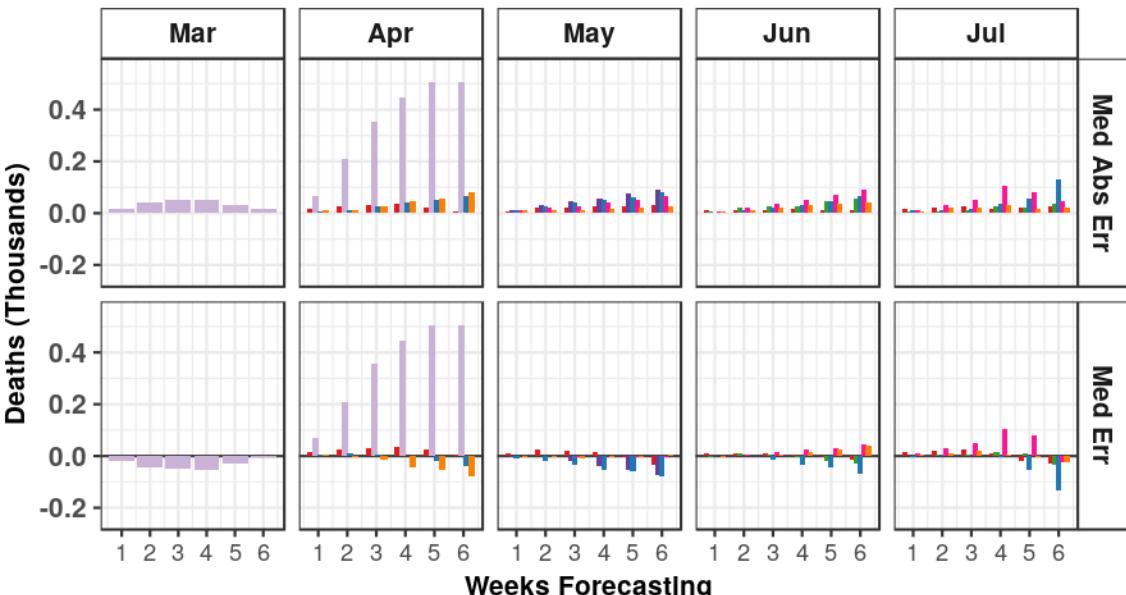
# Kentucky

## Current Forecast

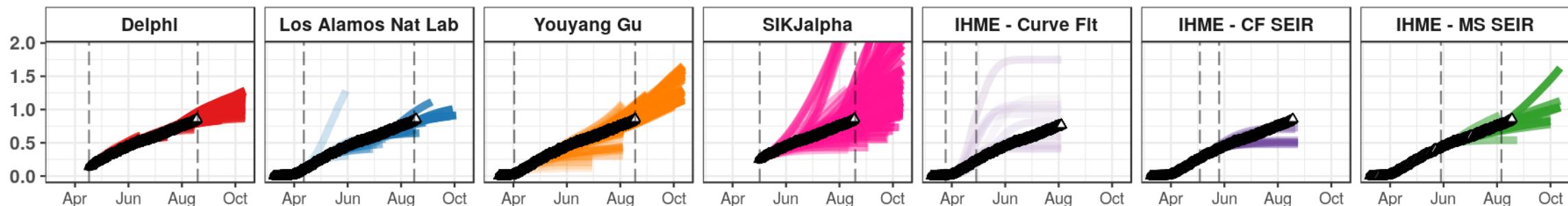
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



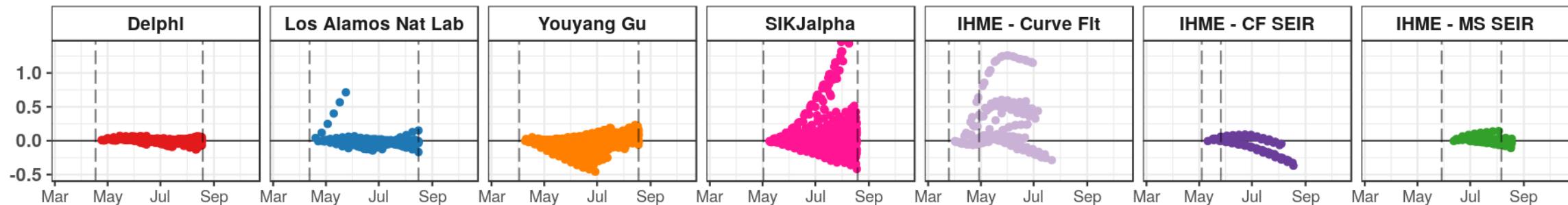
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



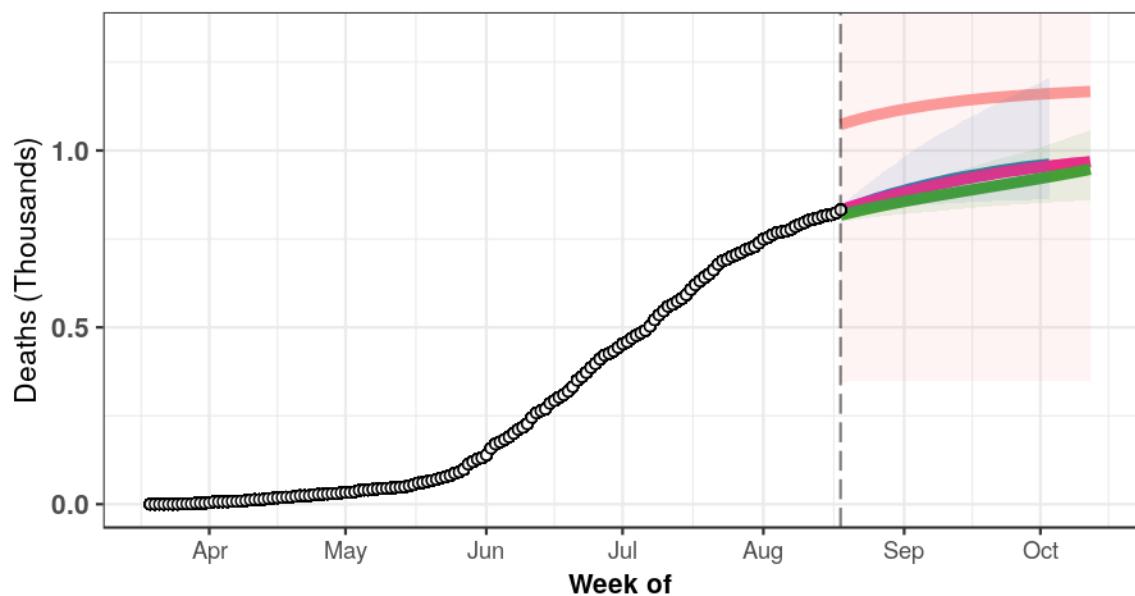
## All Cumulative Errors



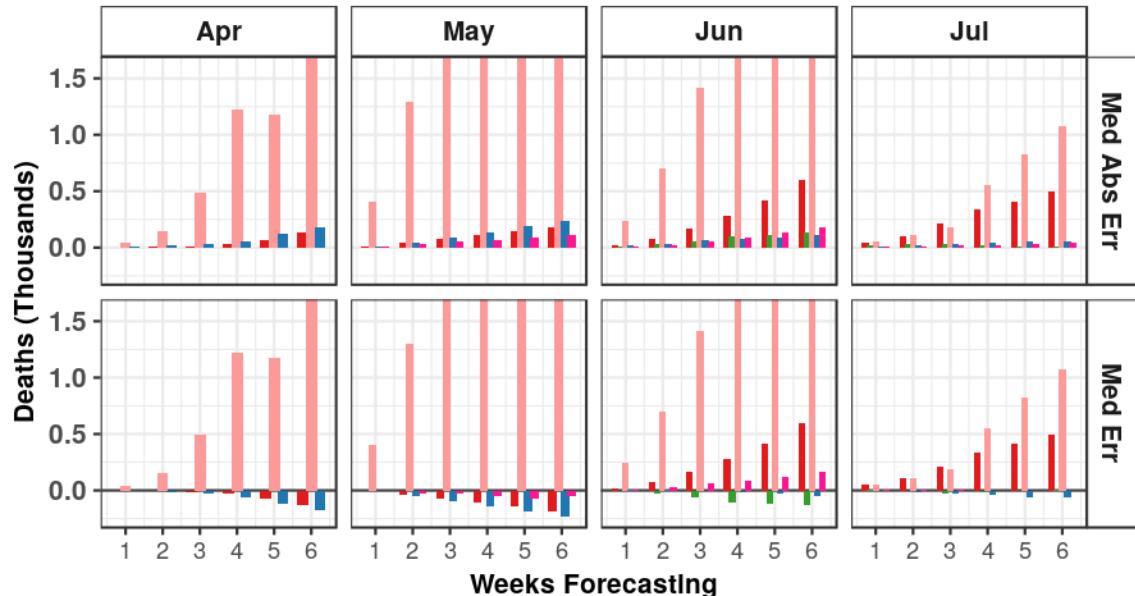
# Armenia

## Current Forecast

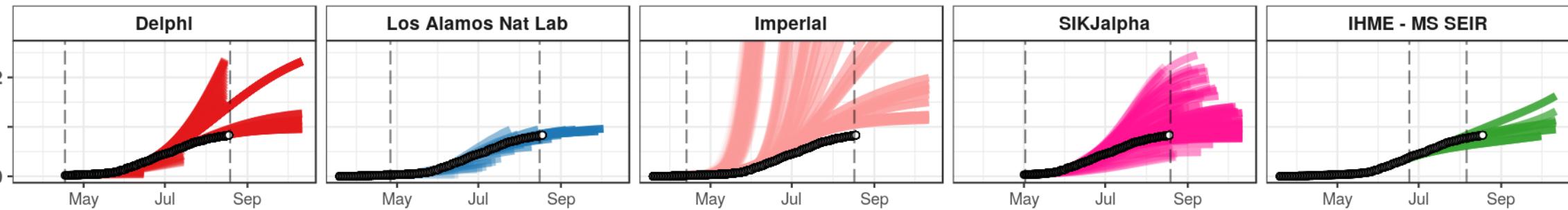
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



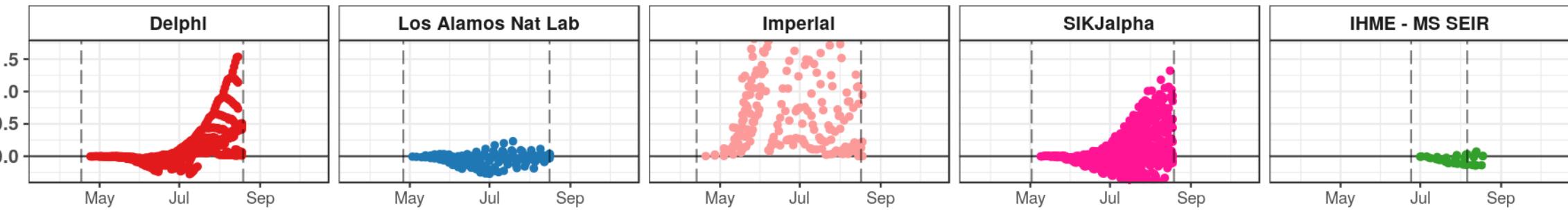
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



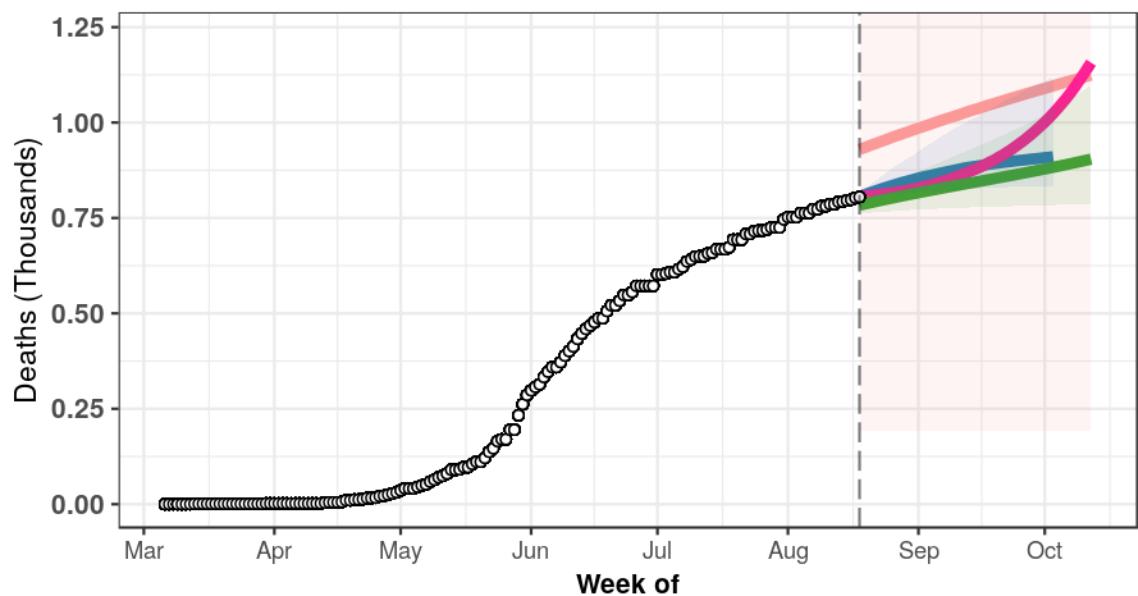
## All Cumulative Errors



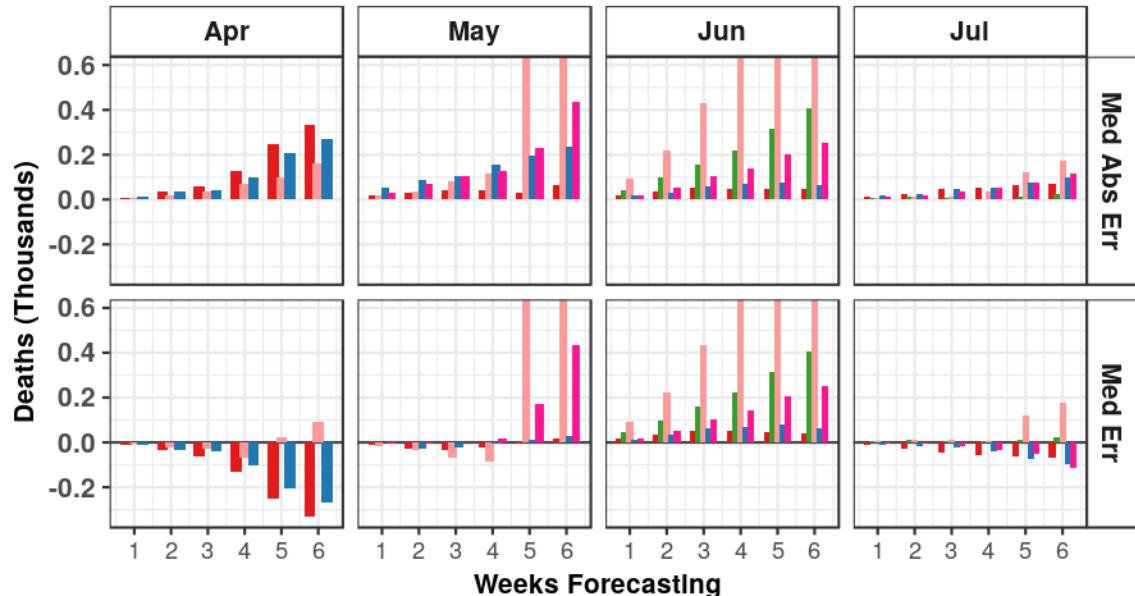
# Sudan

## Current Forecast

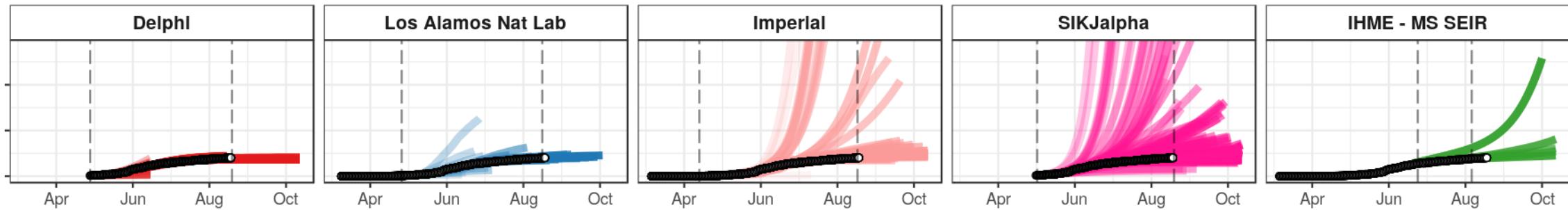
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



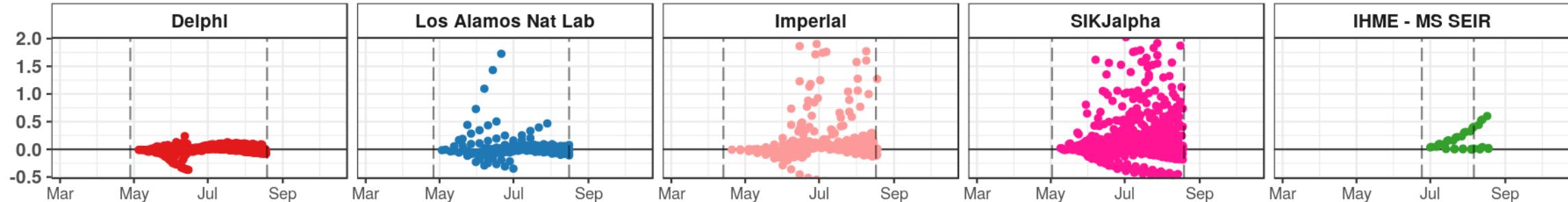
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



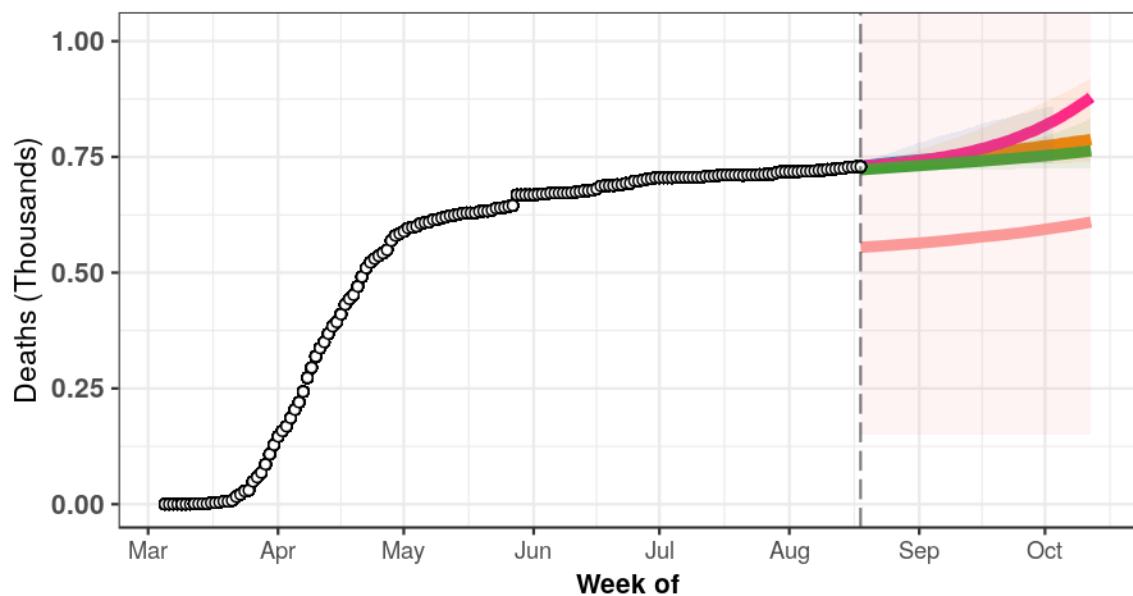
## All Cumulative Errors



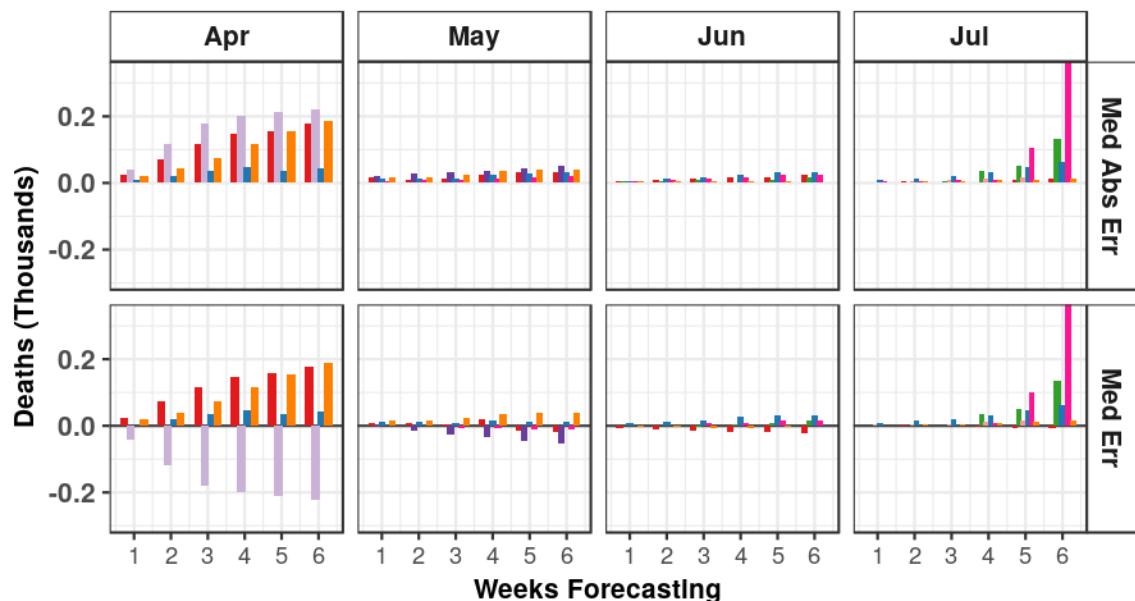
# Austria

## Current Forecast

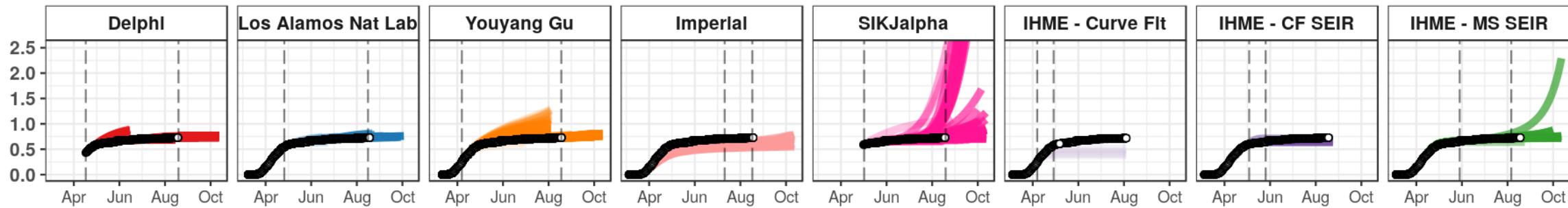
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



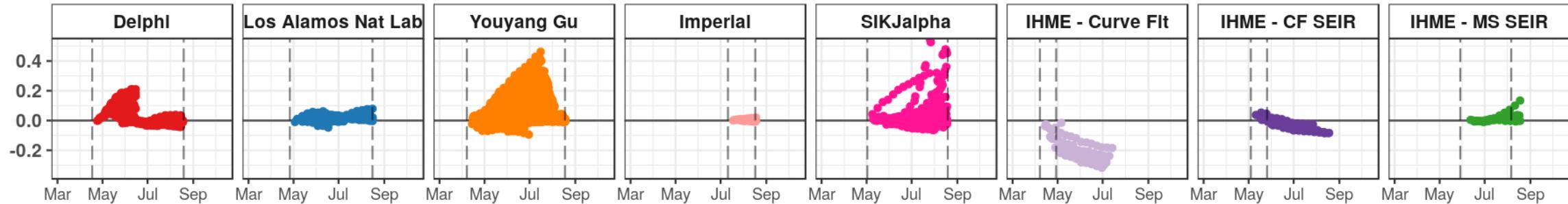
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



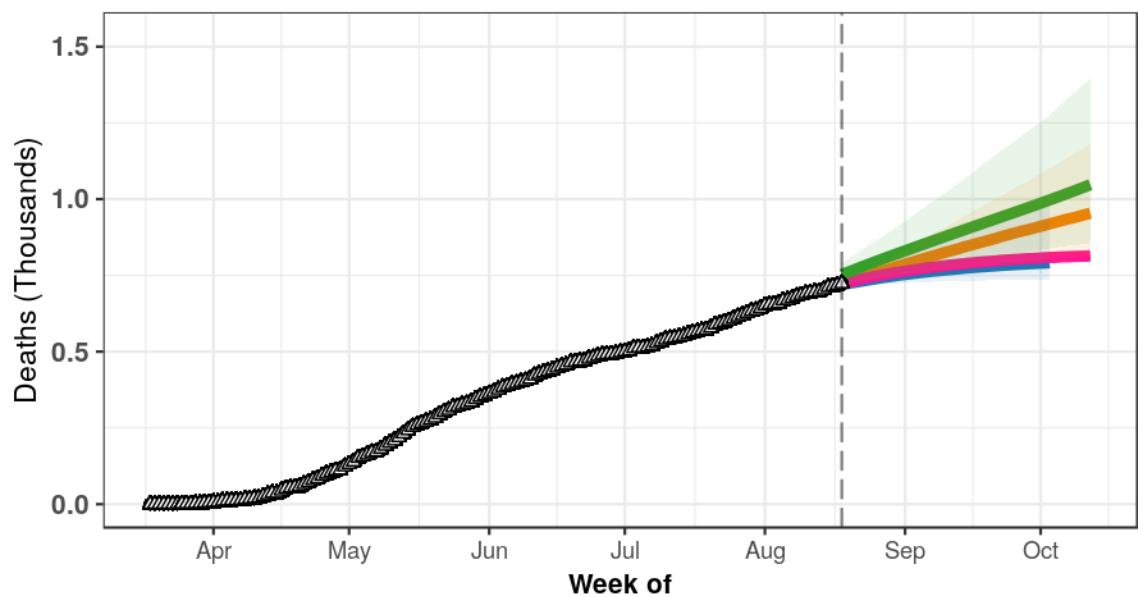
## All Cumulative Errors



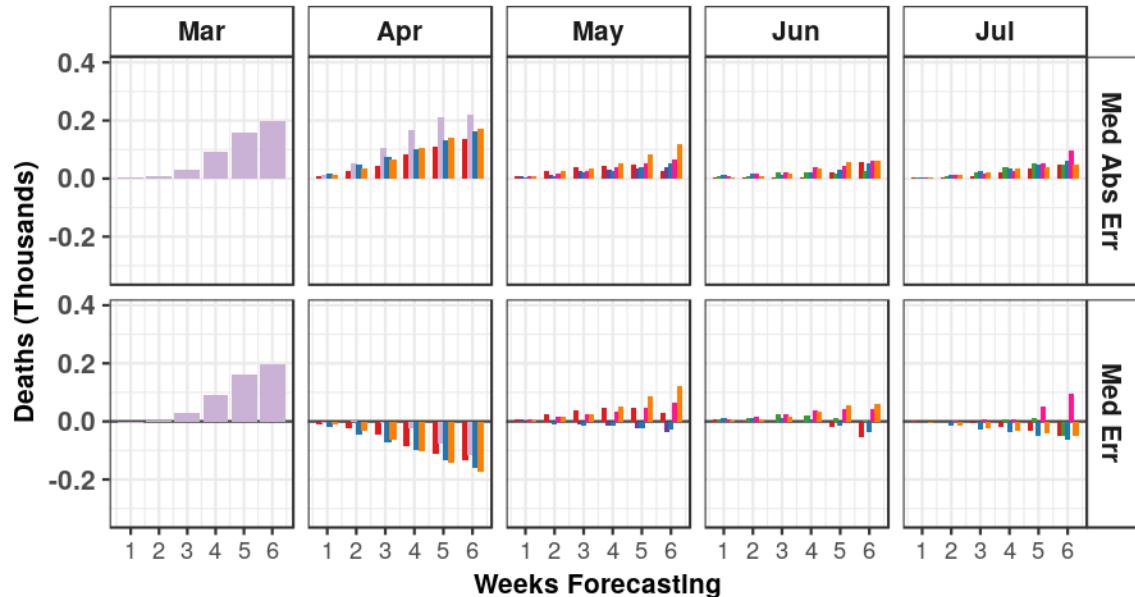
# New Mexico

## Current Forecast

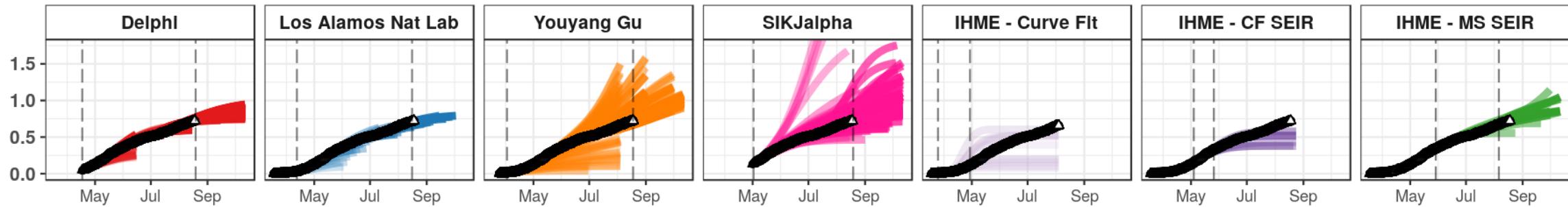
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



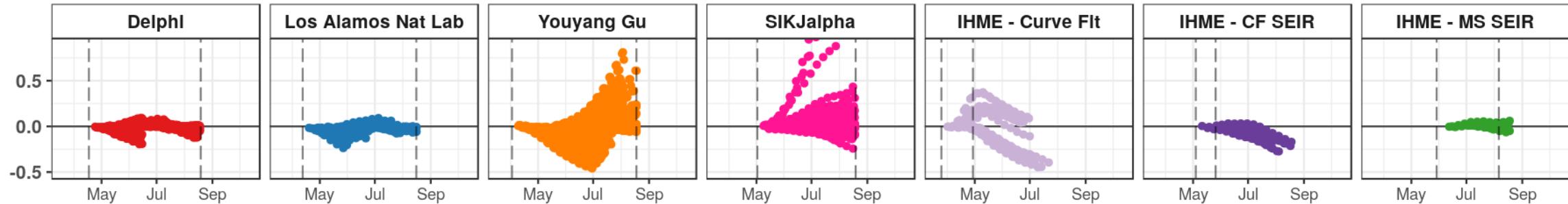
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



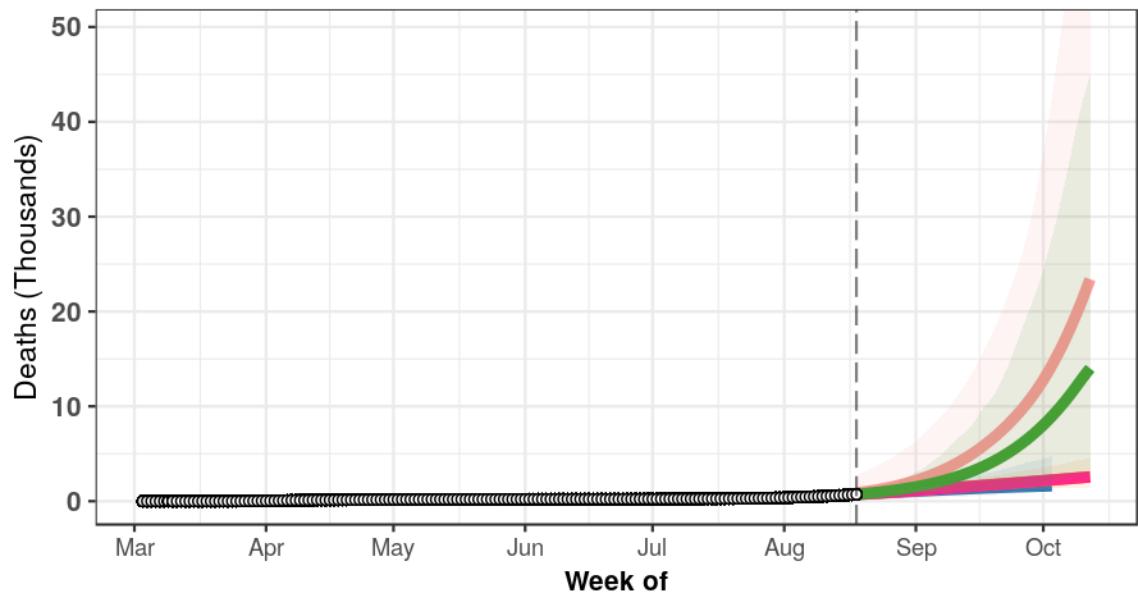
## All Cumulative Errors



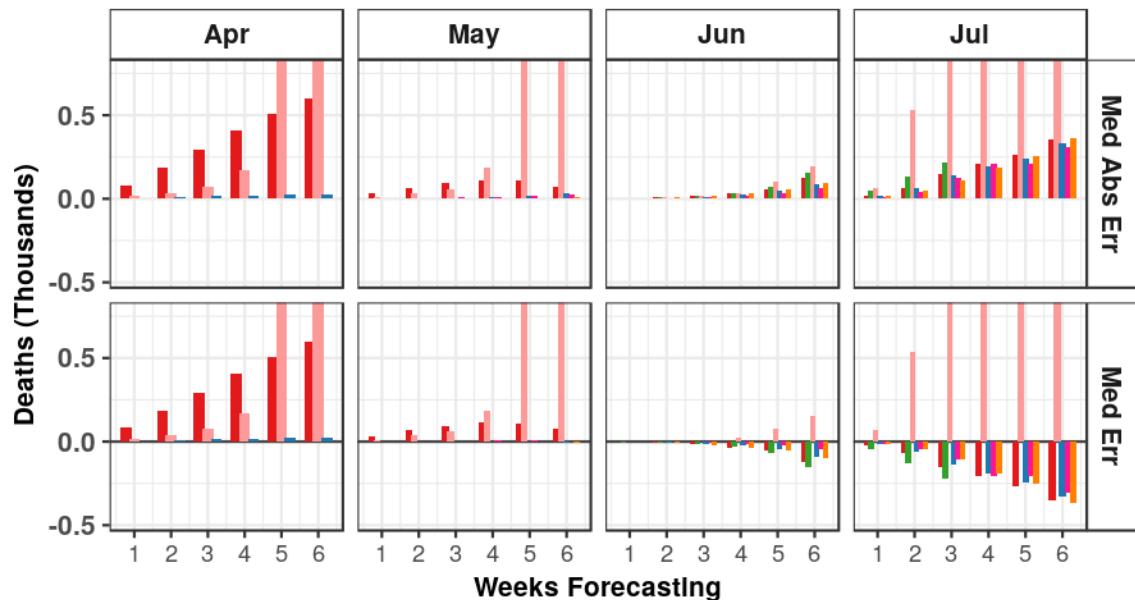
# Morocco

## Current Forecast

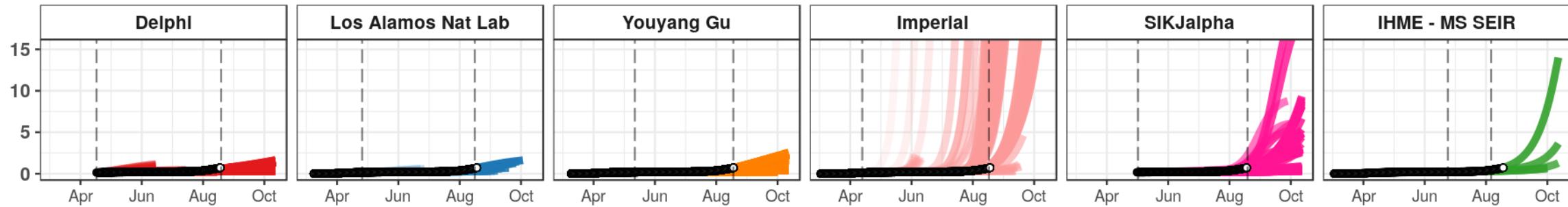
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



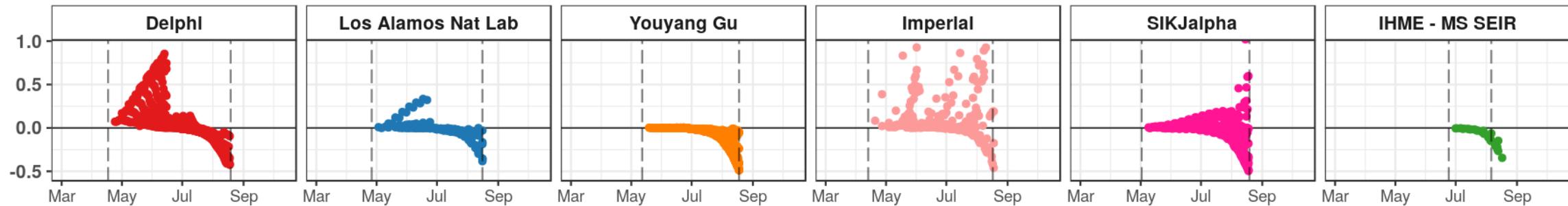
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



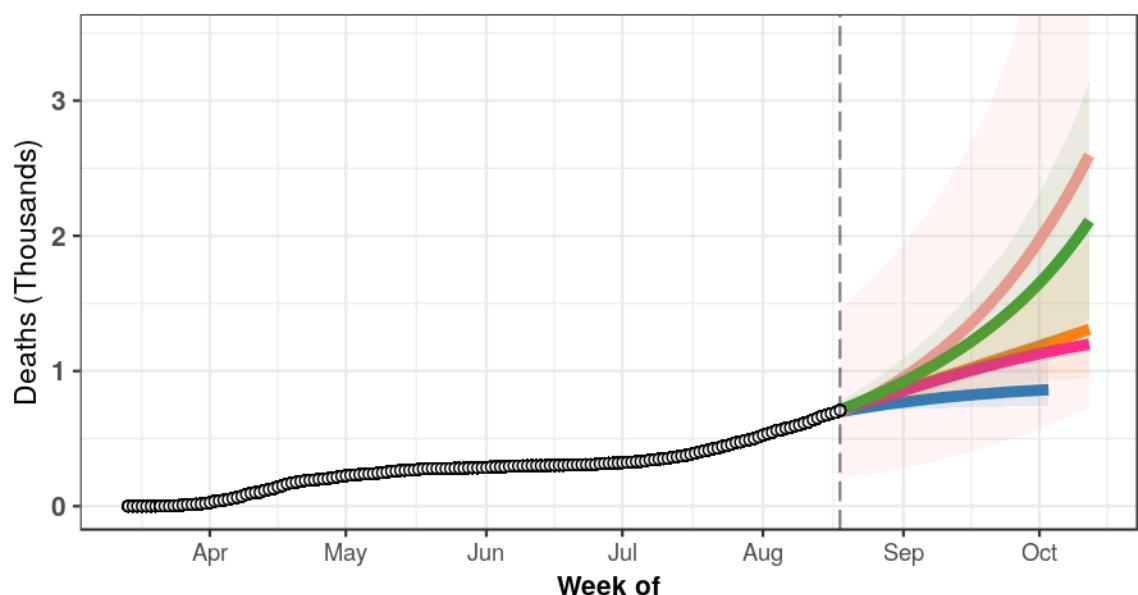
## All Cumulative Errors



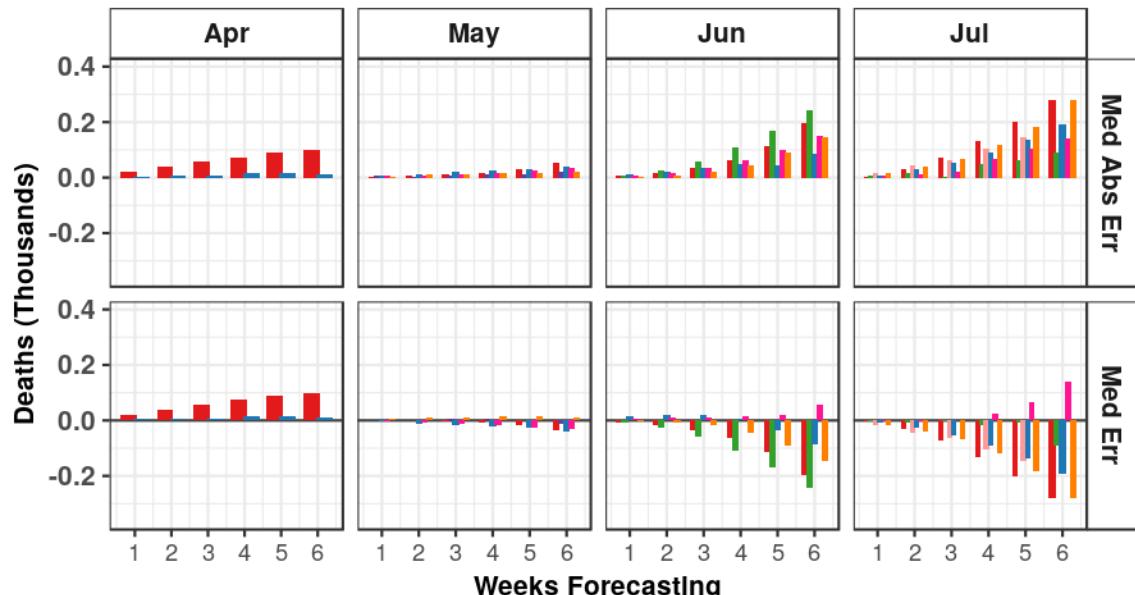
# Israel

## Current Forecast

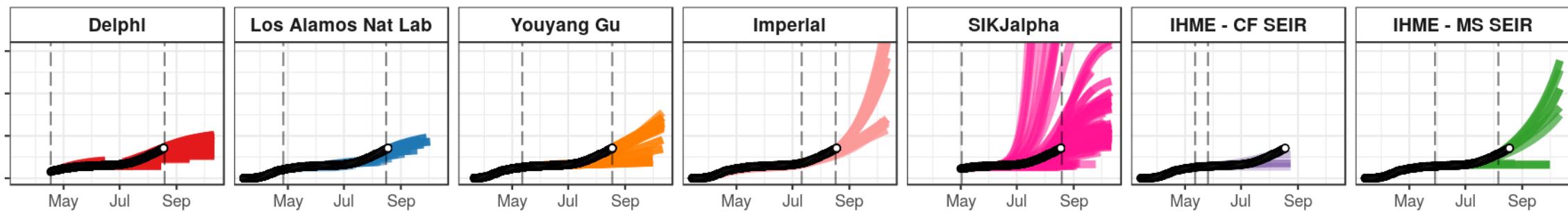
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



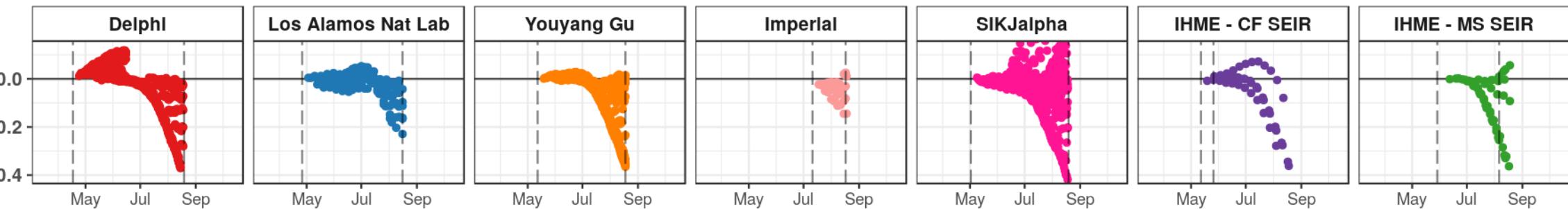
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



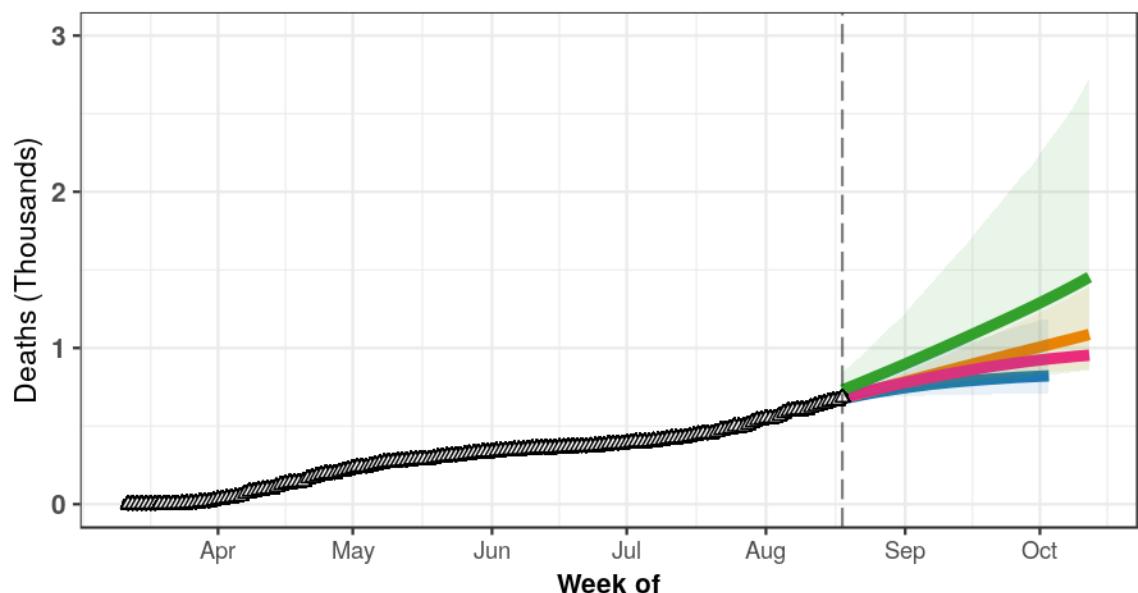
## All Cumulative Errors



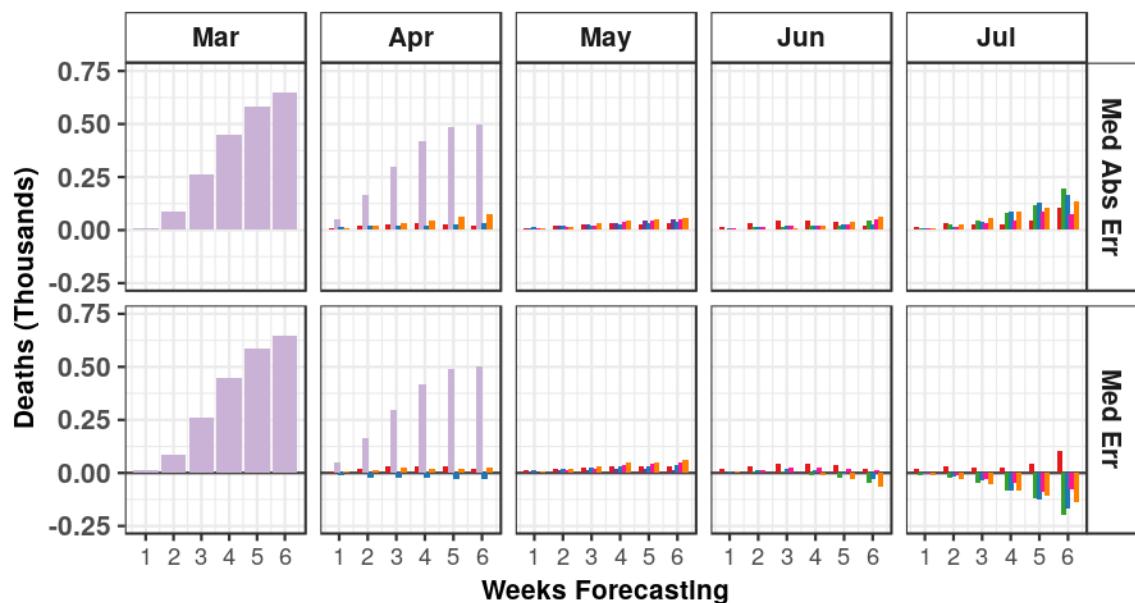
# Oklahoma

## Current Forecast

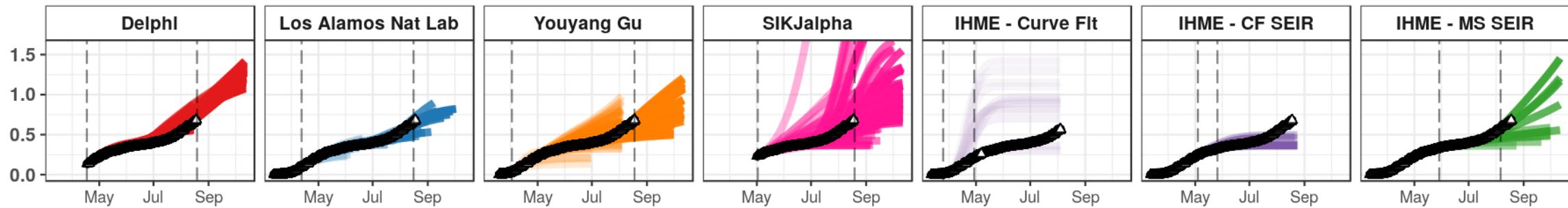
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



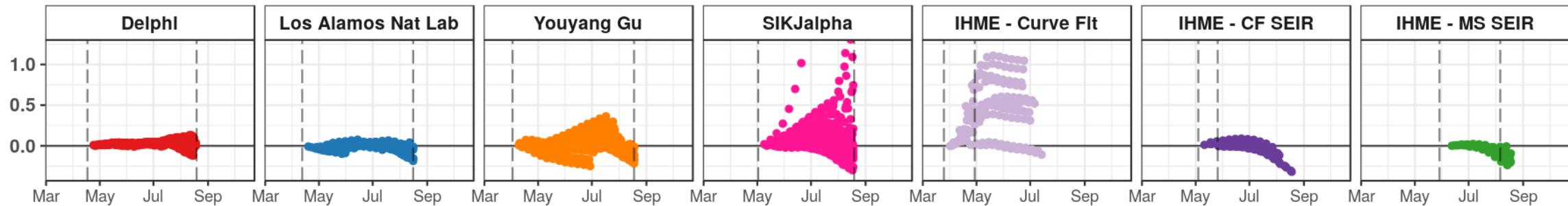
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



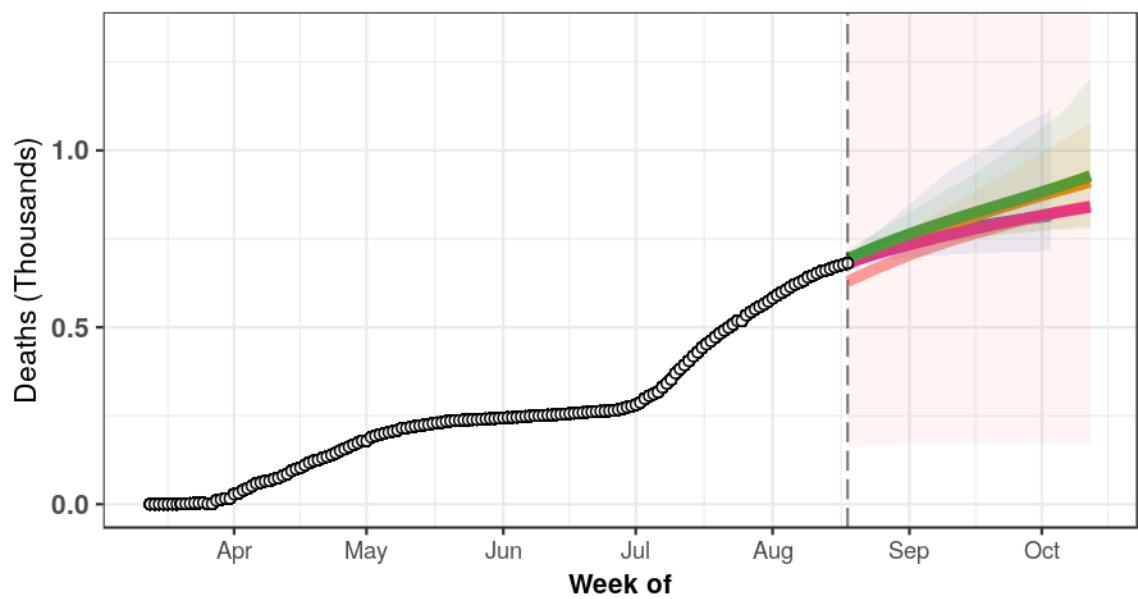
## All Cumulative Errors



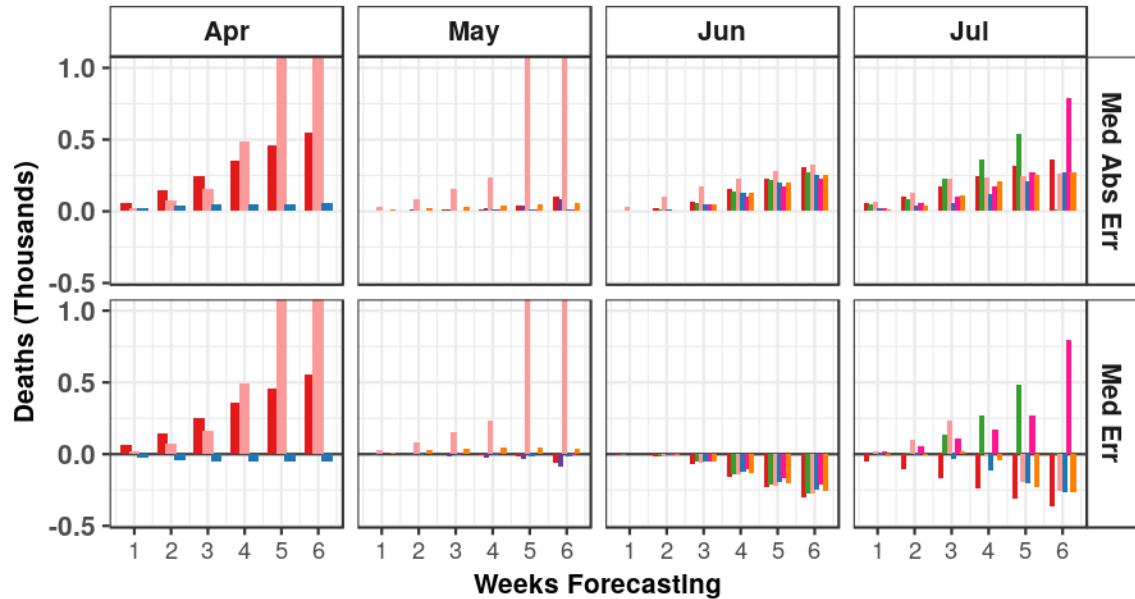
# Serbia

## Current Forecast

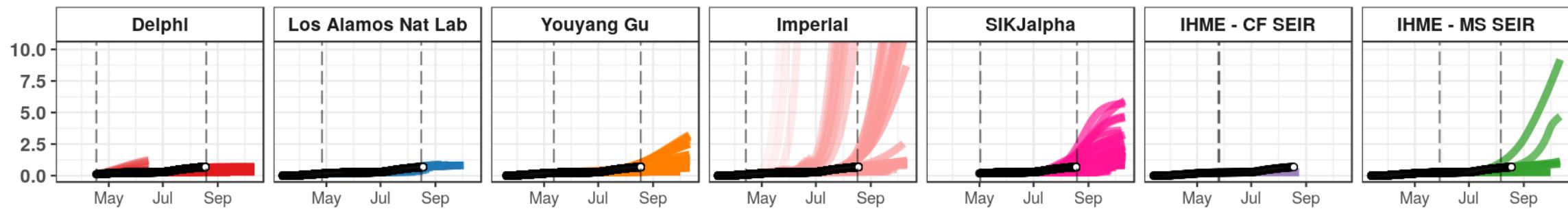
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



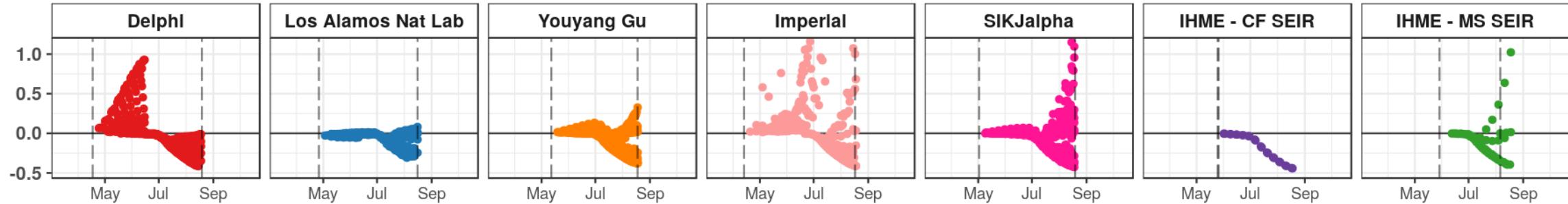
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



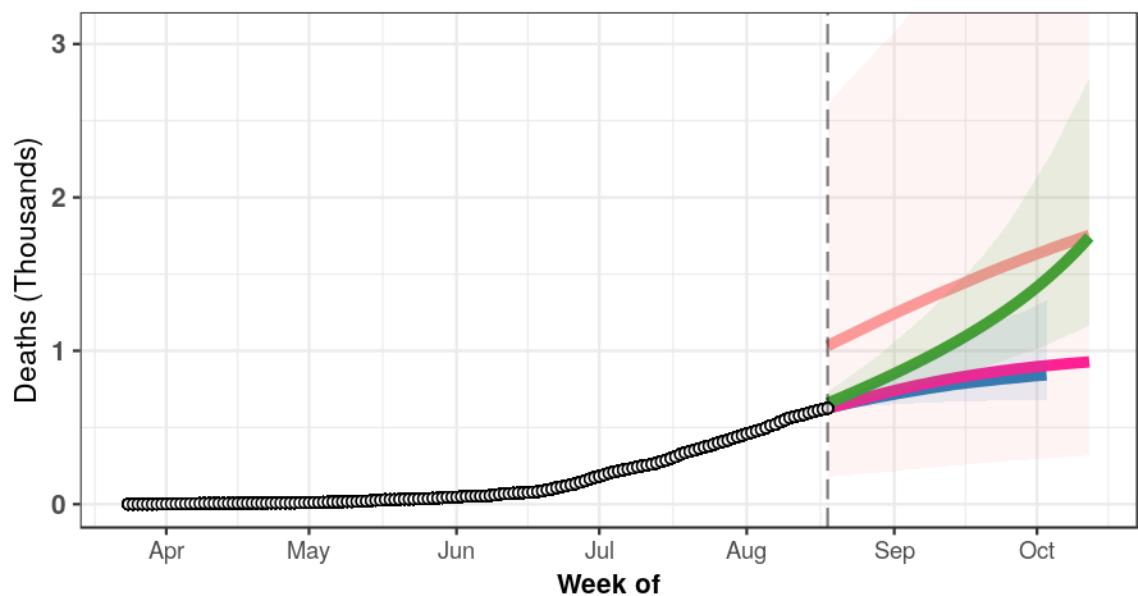
## All Cumulative Errors



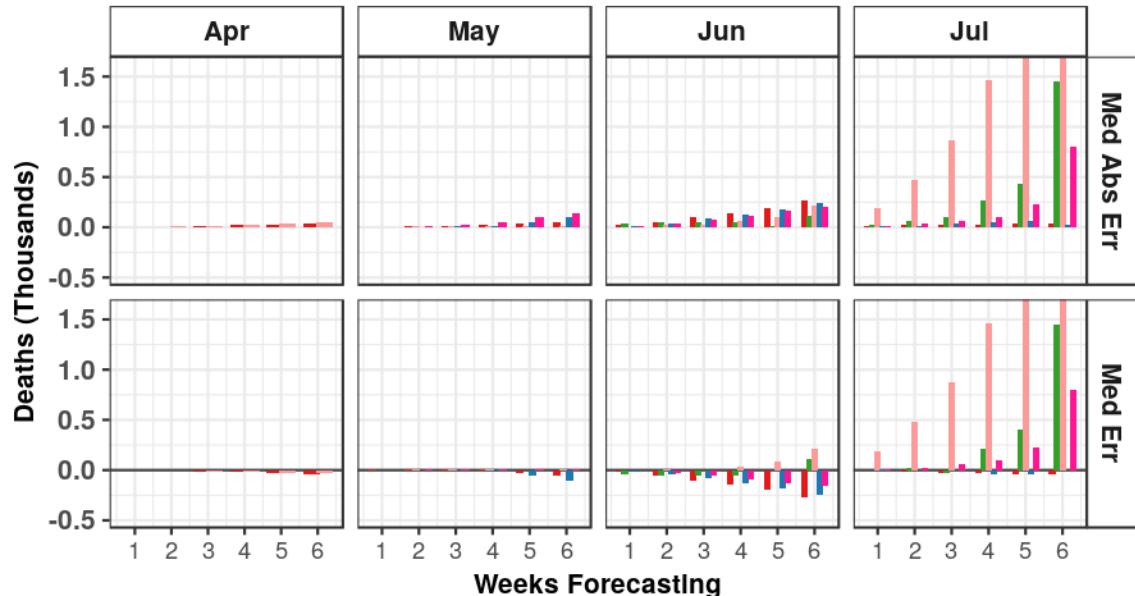
# El Salvador

## Current Forecast

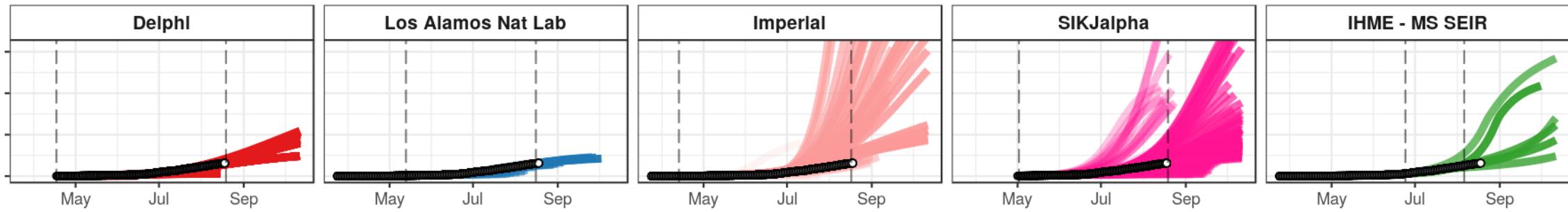
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



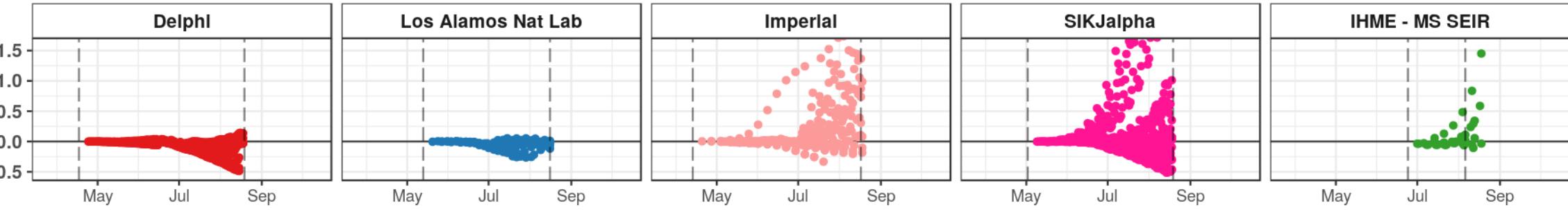
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



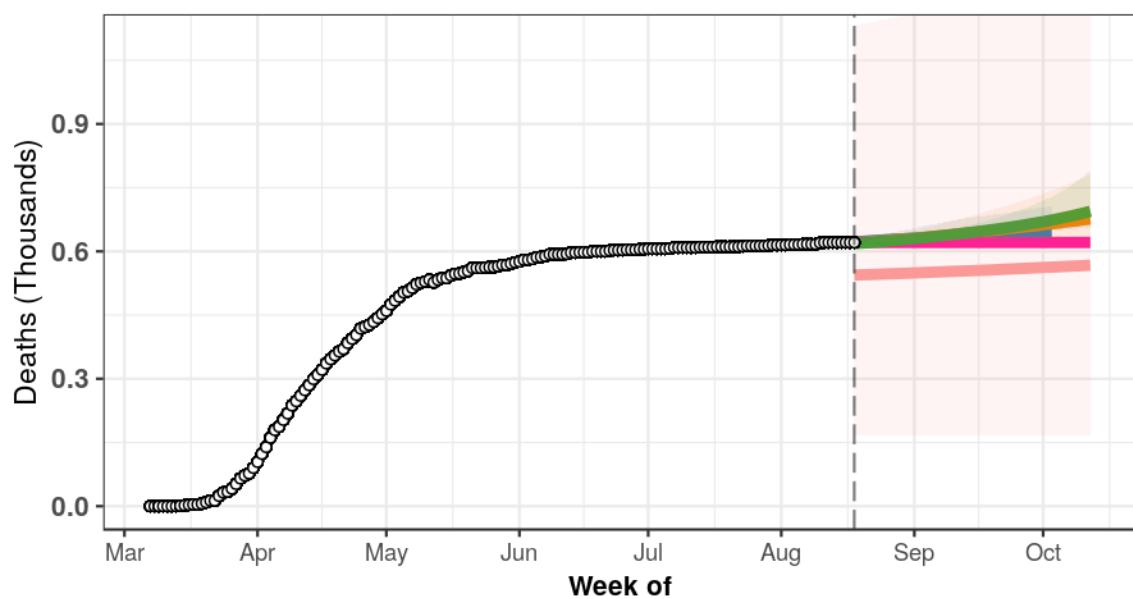
## All Cumulative Errors



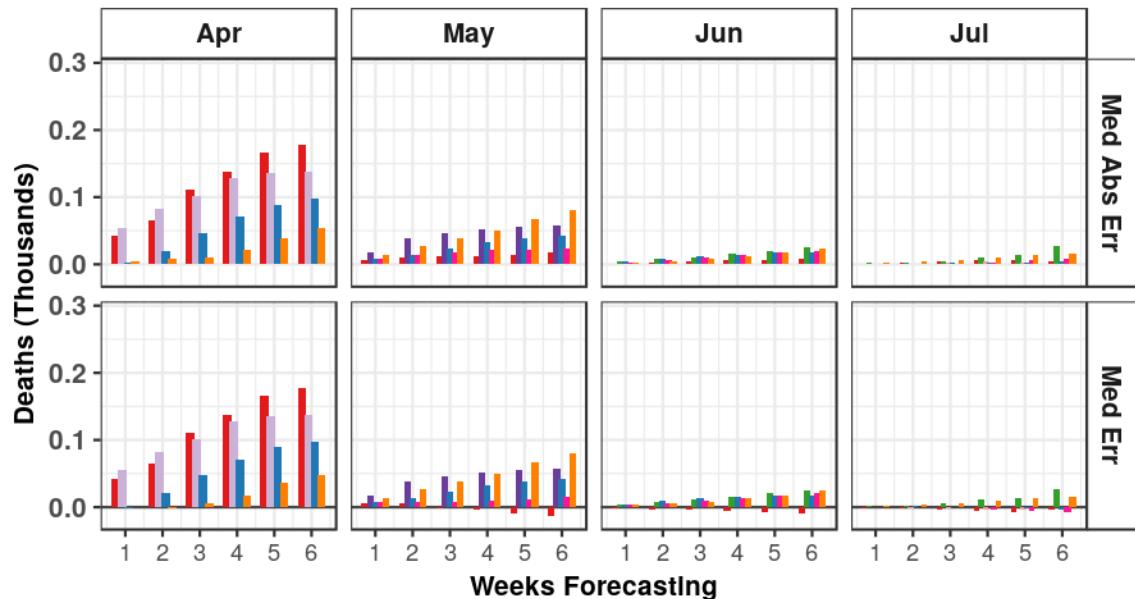
# Denmark

## Current Forecast

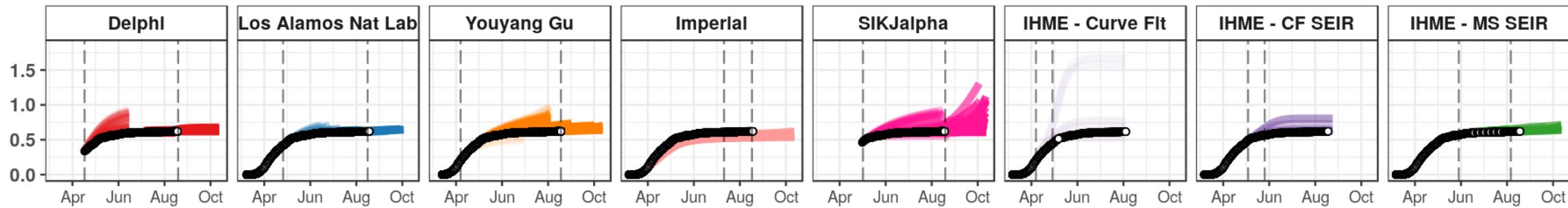
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



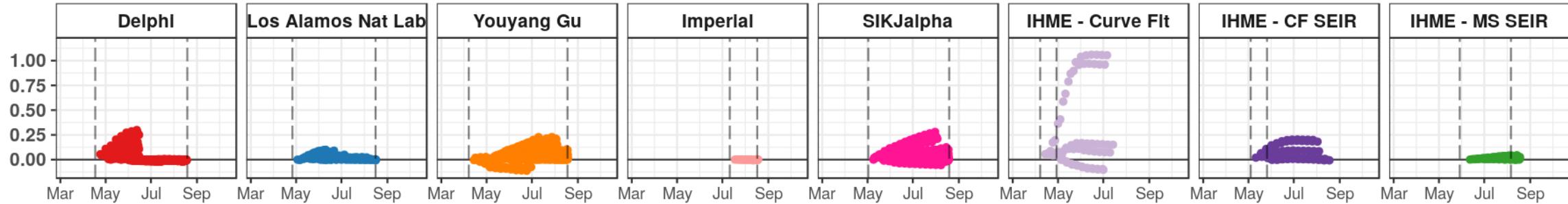
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



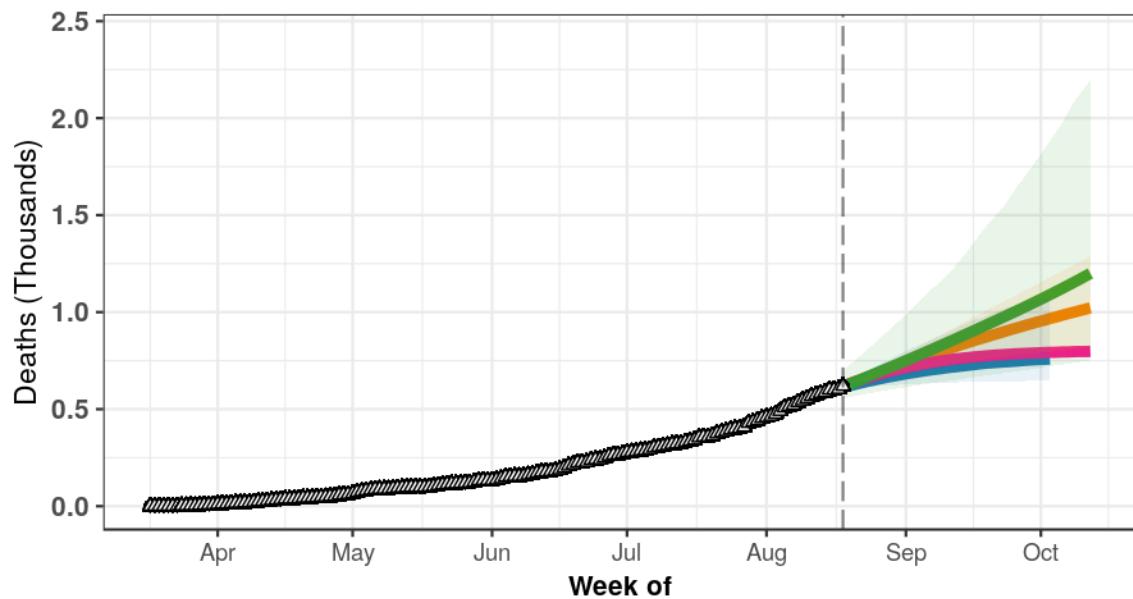
## All Cumulative Errors



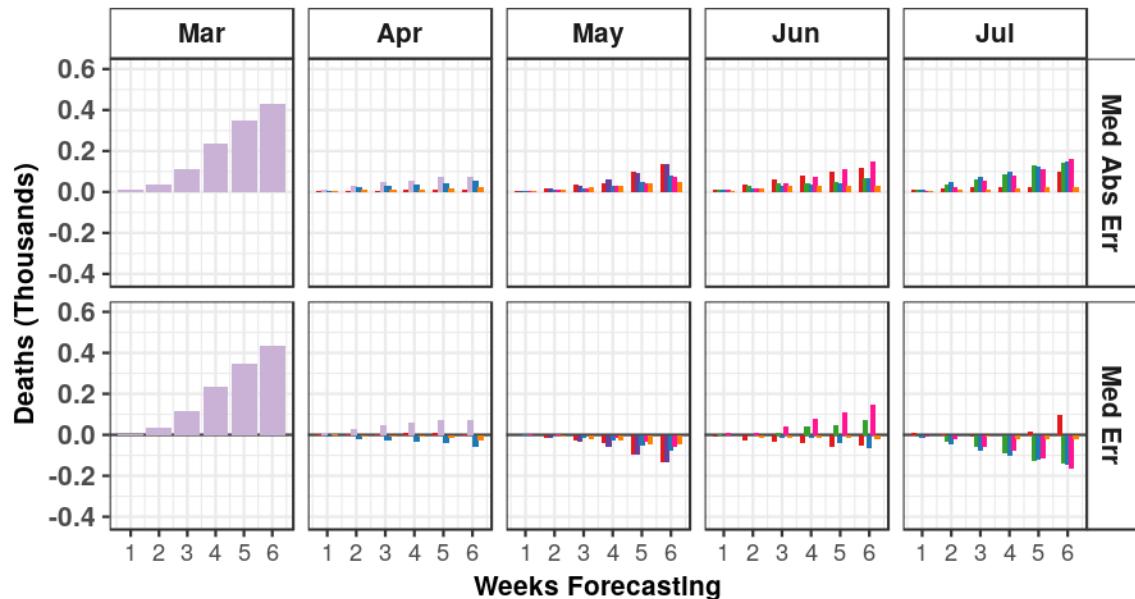
# Arkansas

## Current Forecast

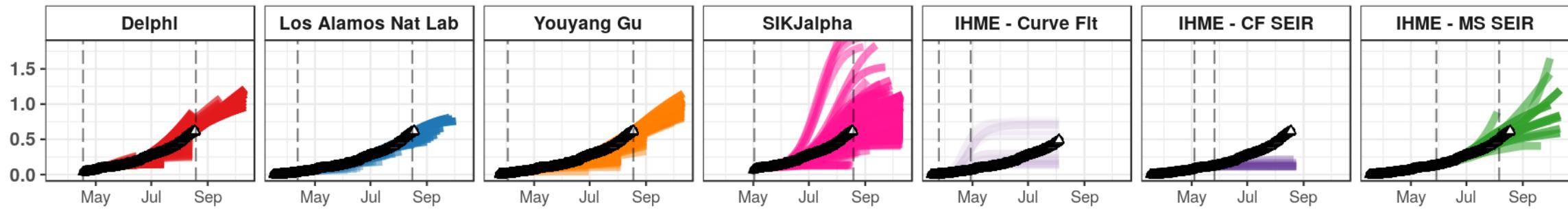
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



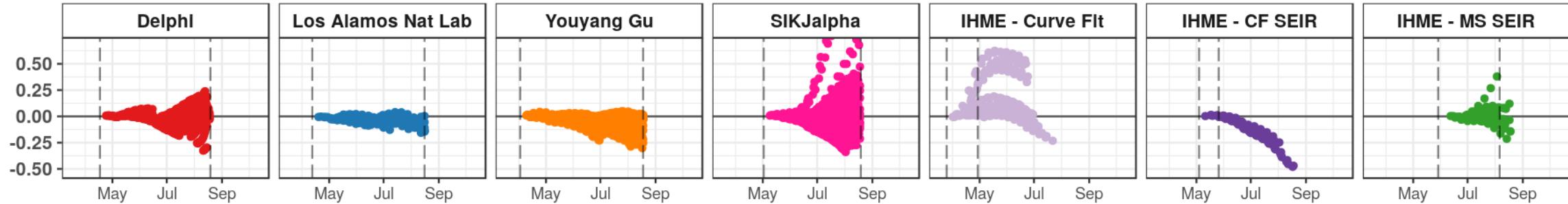
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



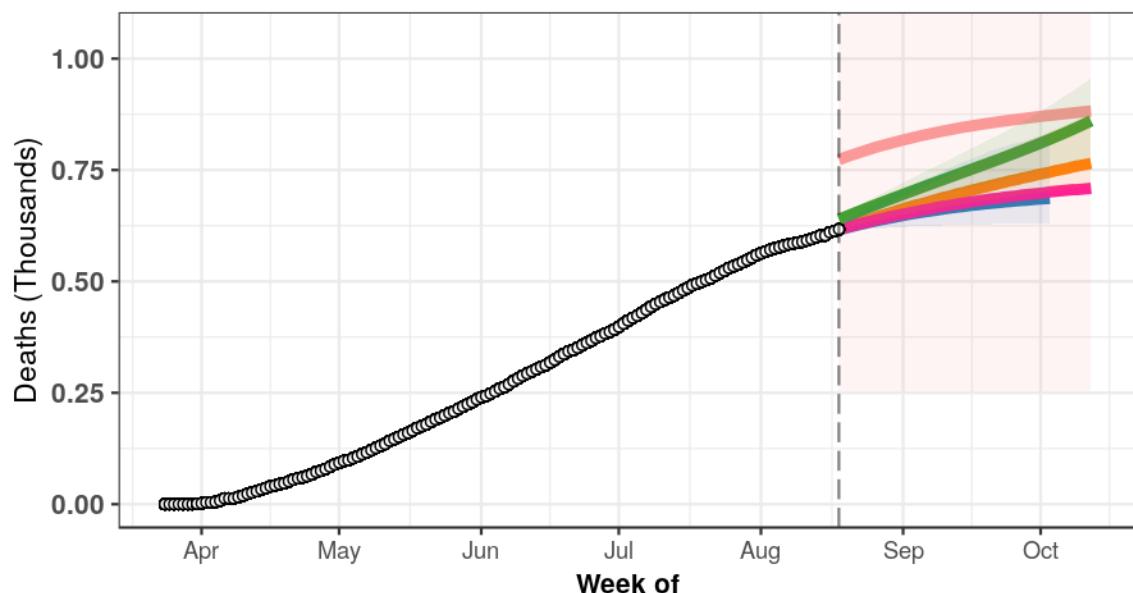
## All Cumulative Errors



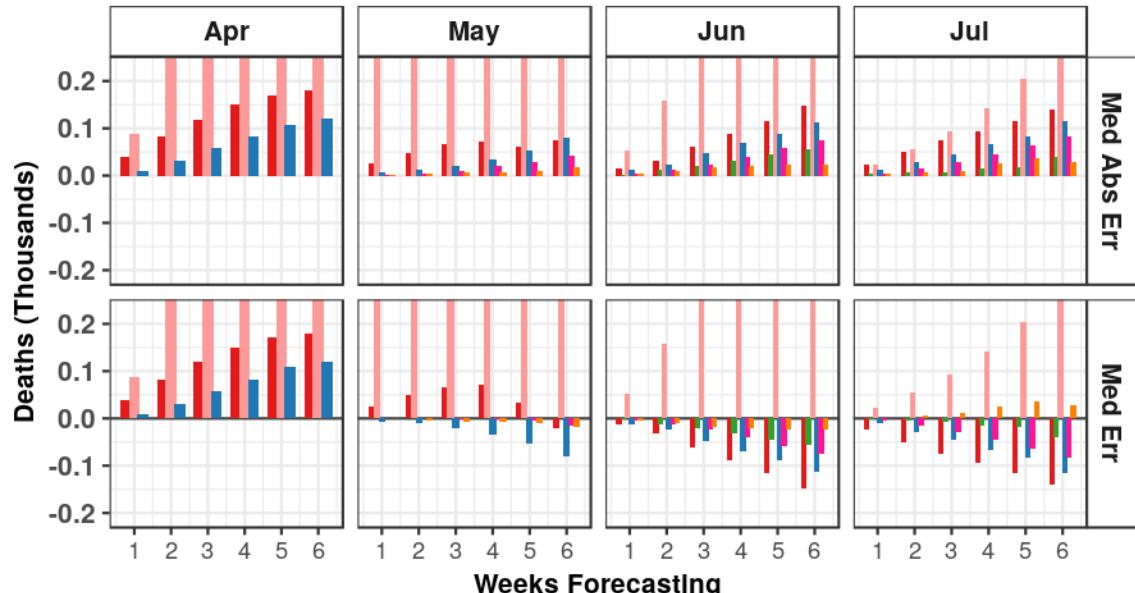
# Belarus

## Current Forecast

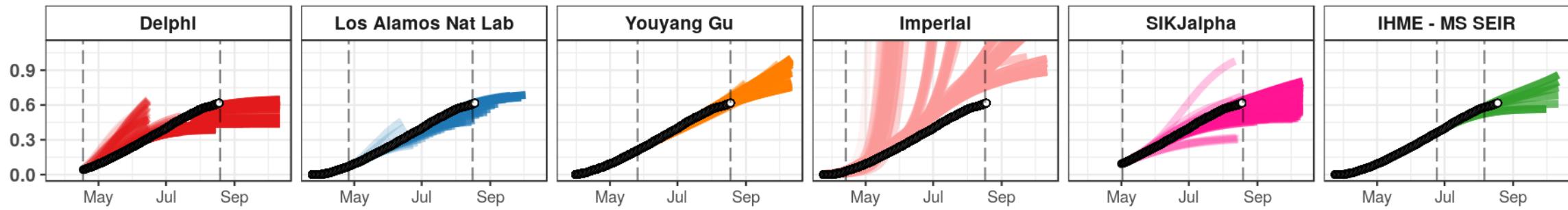
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



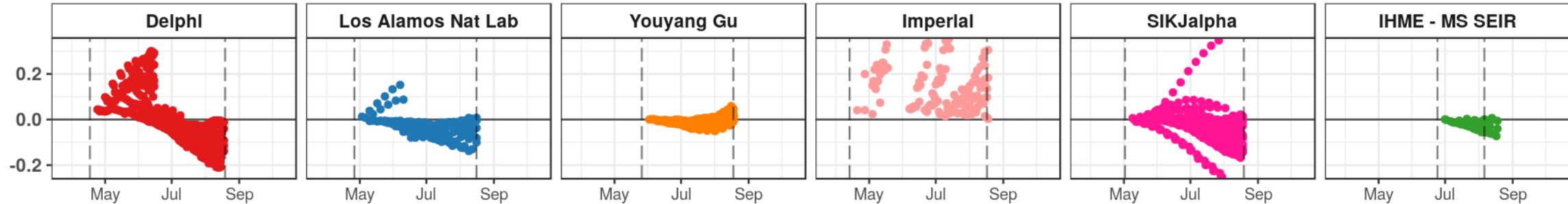
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



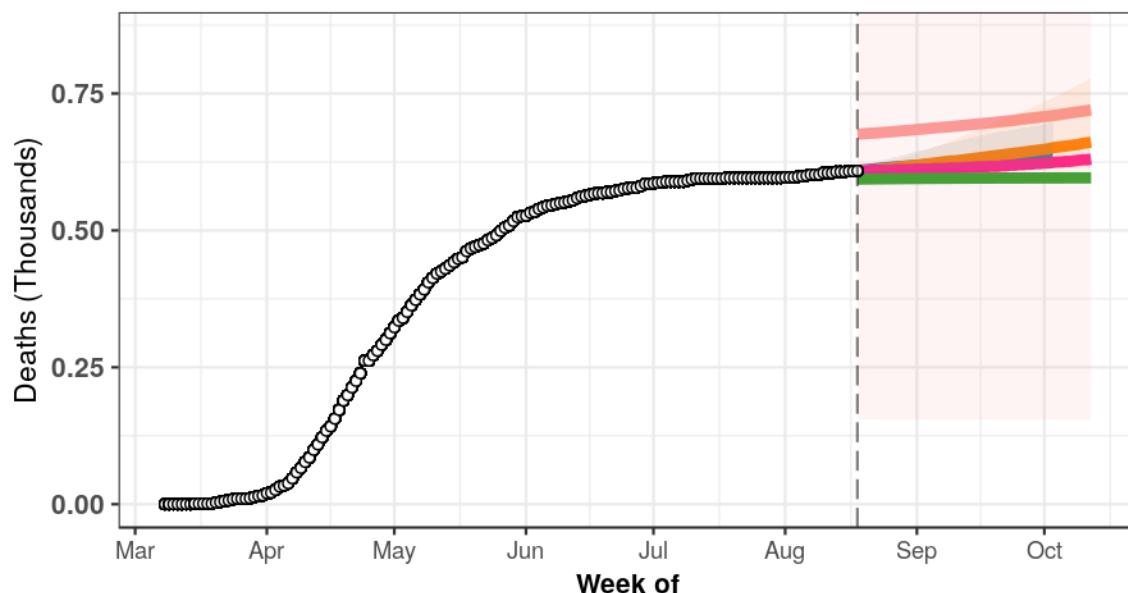
## All Cumulative Errors



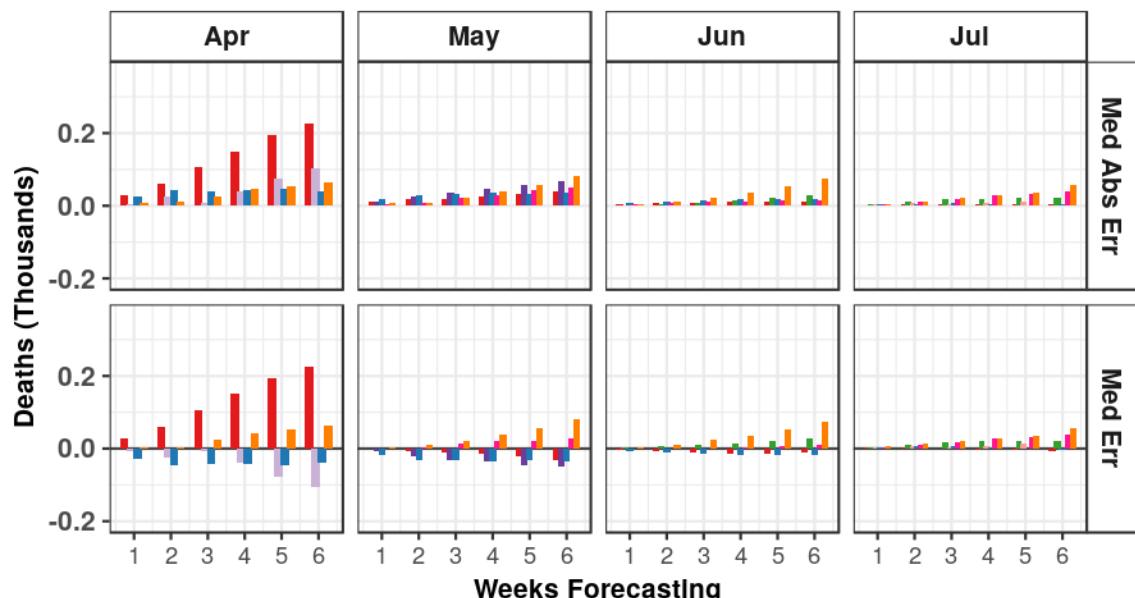
# Hungary

## Current Forecast

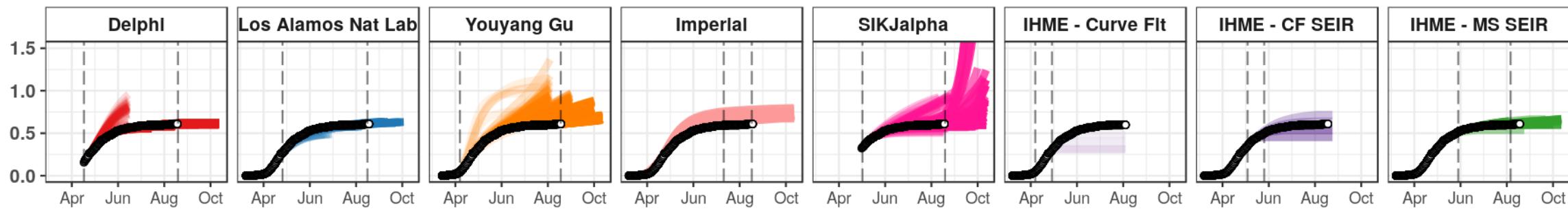
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



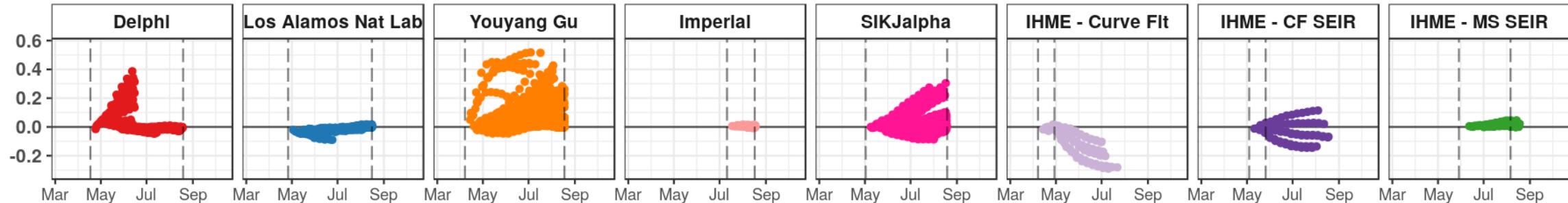
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

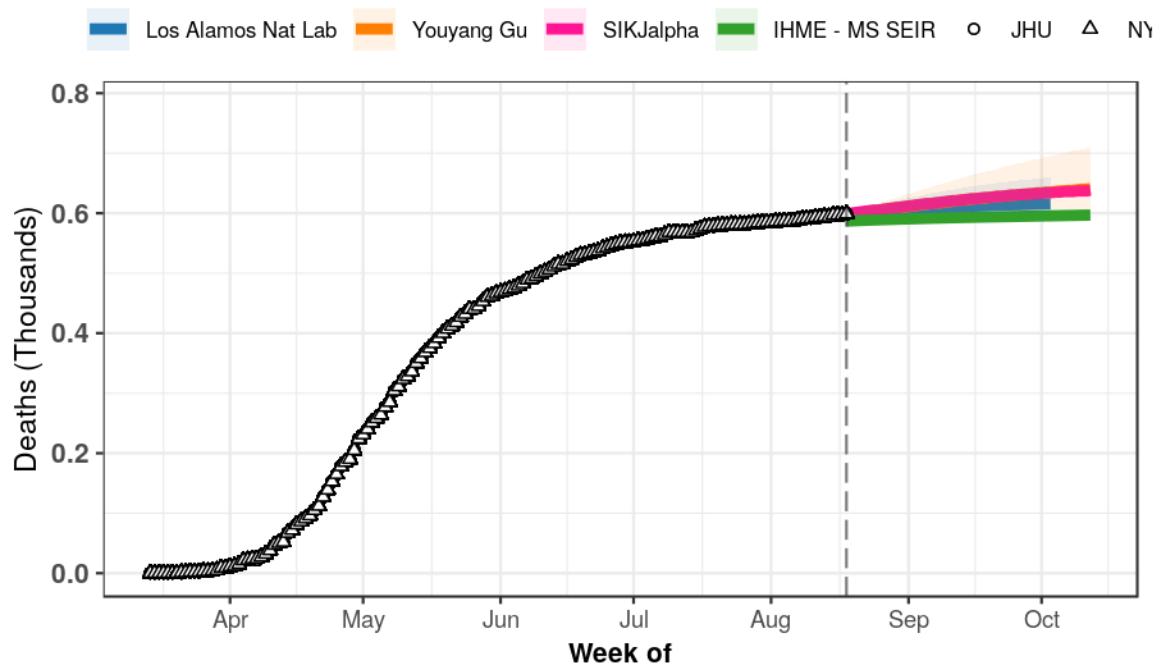


## All Cumulative Errors

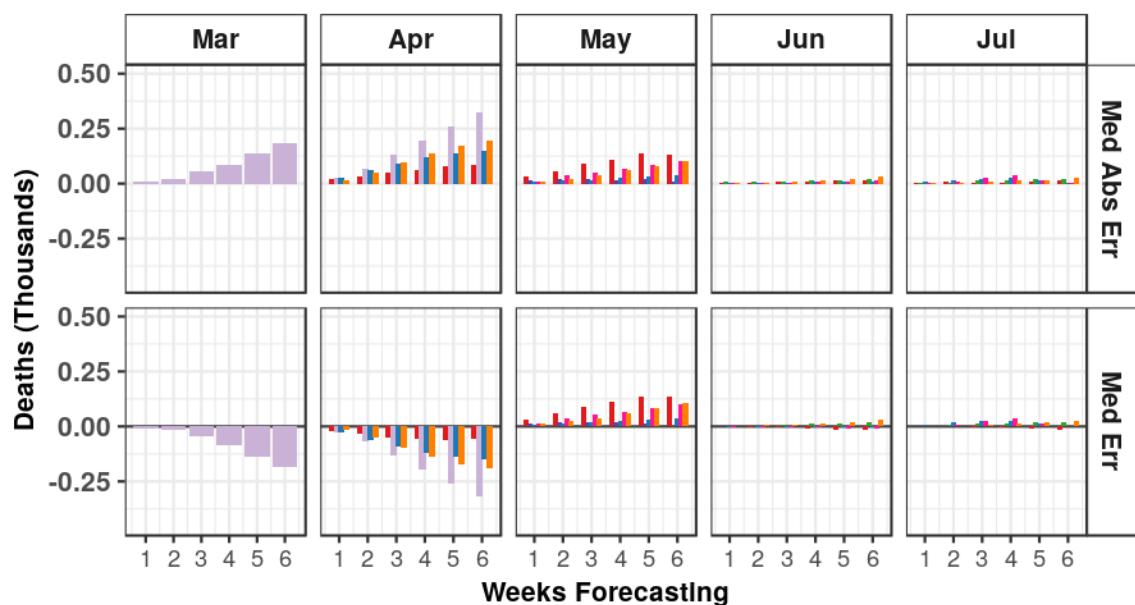


# District of Columbia

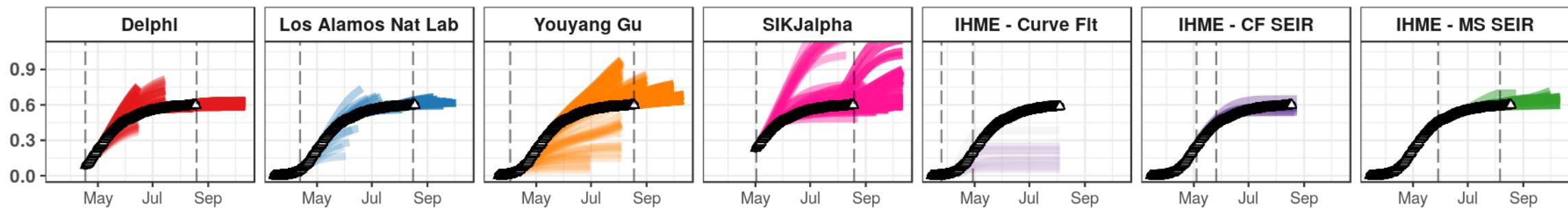
## Current Forecast



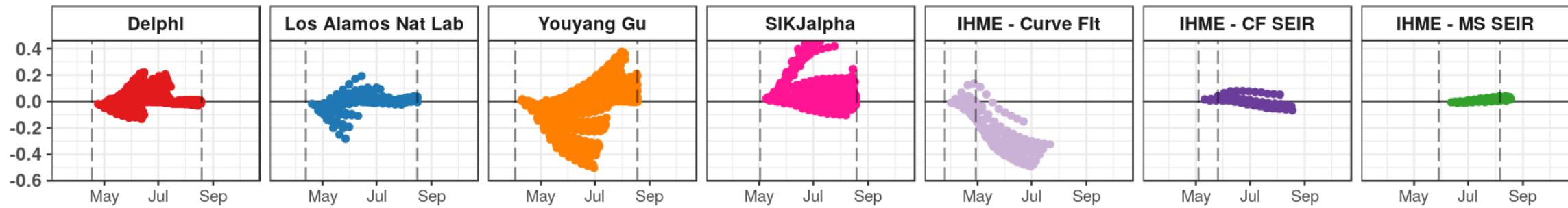
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



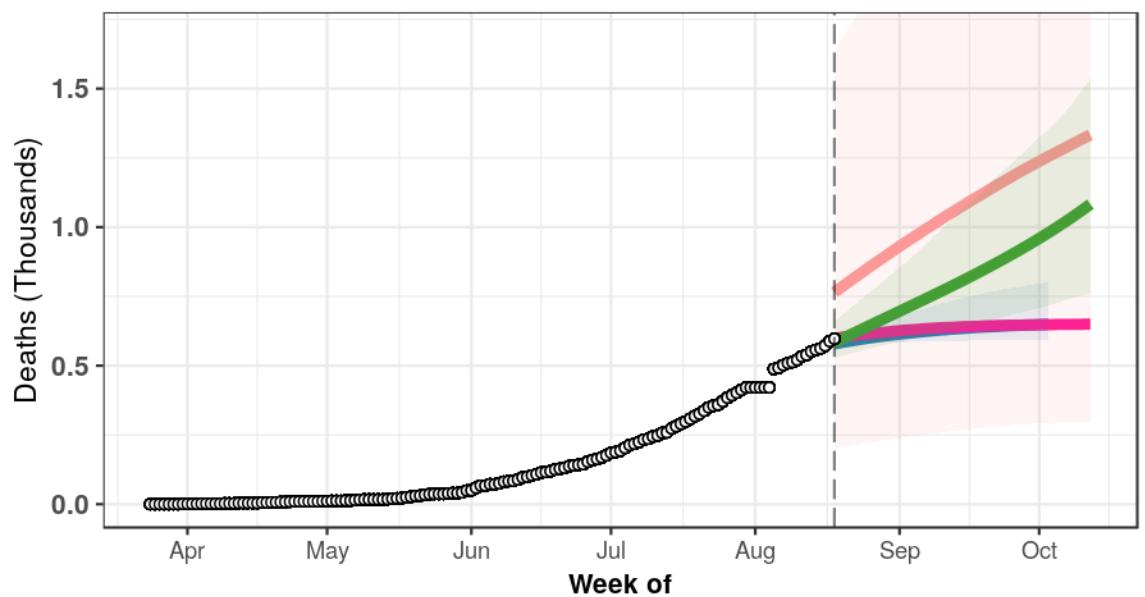
## All Cumulative Errors



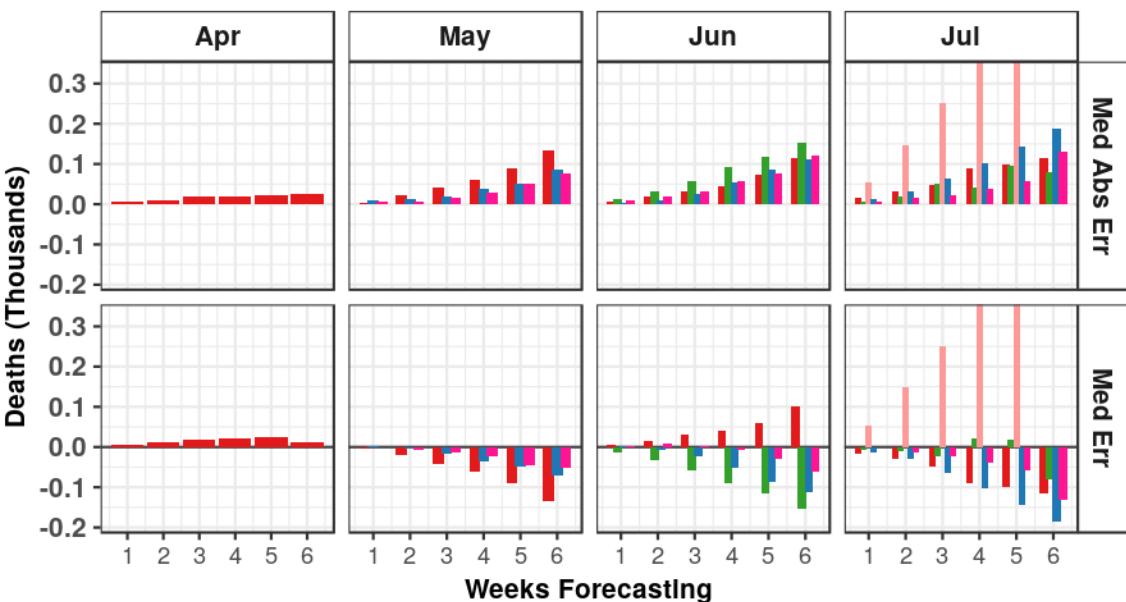
# Oman

## Current Forecast

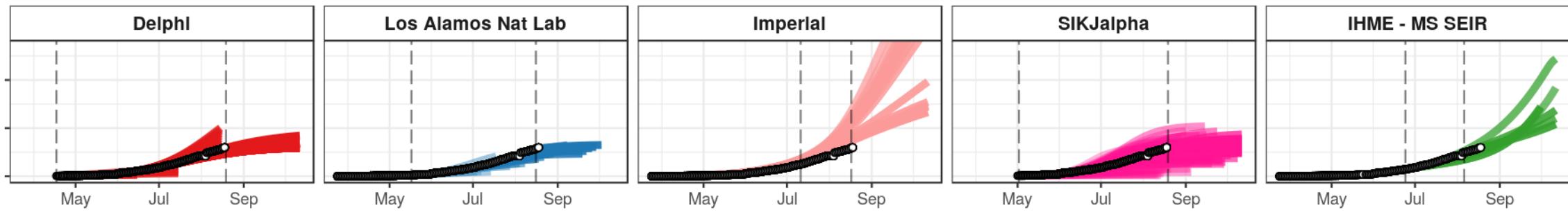
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



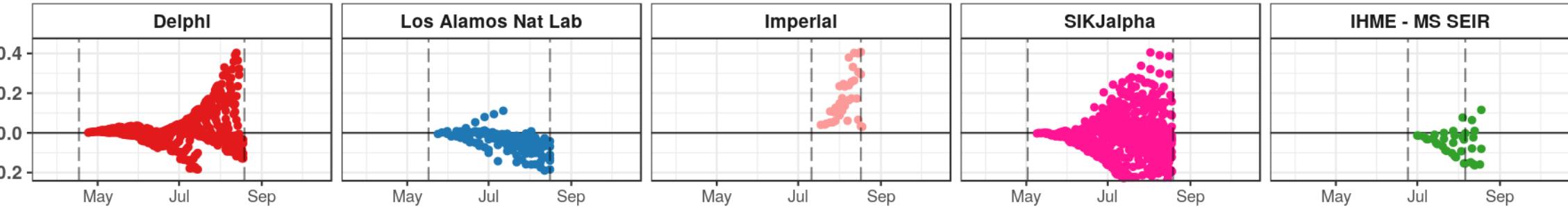
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



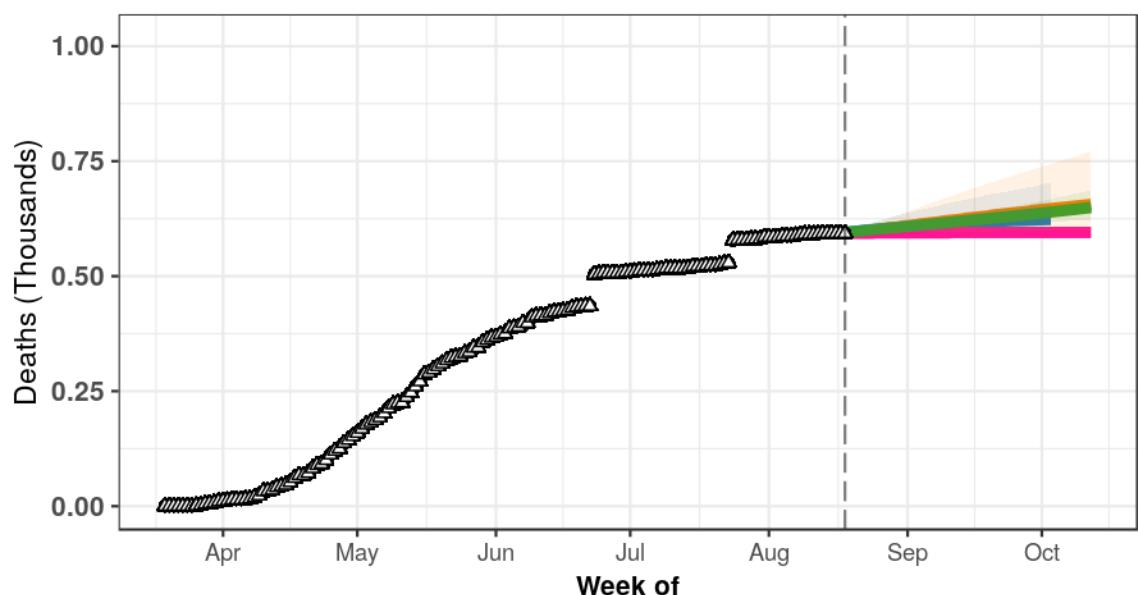
## All Cumulative Errors



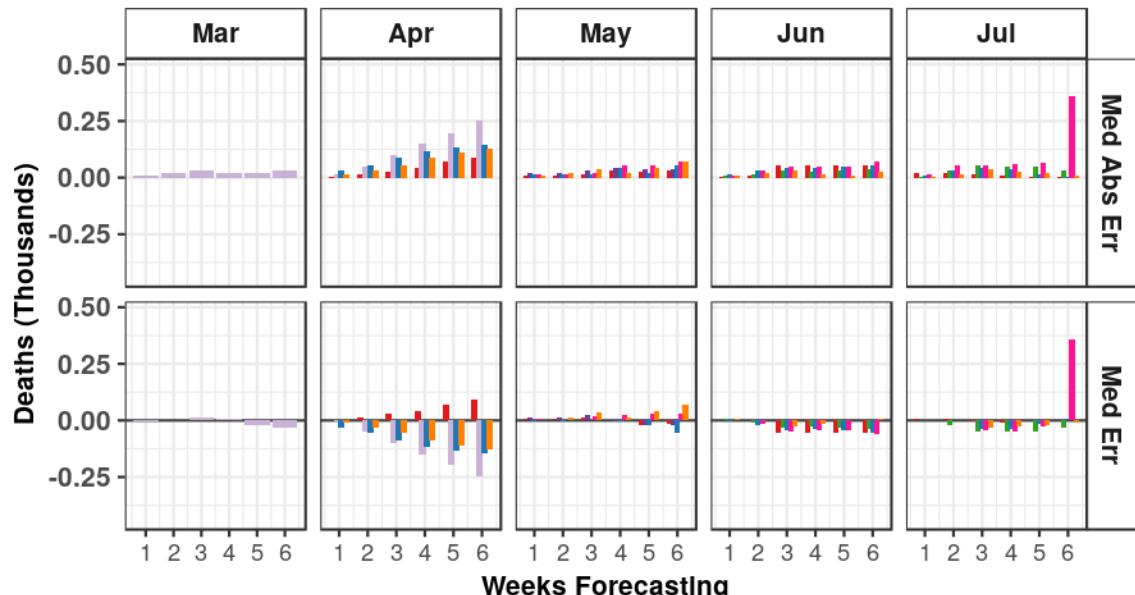
# Delaware

## Current Forecast

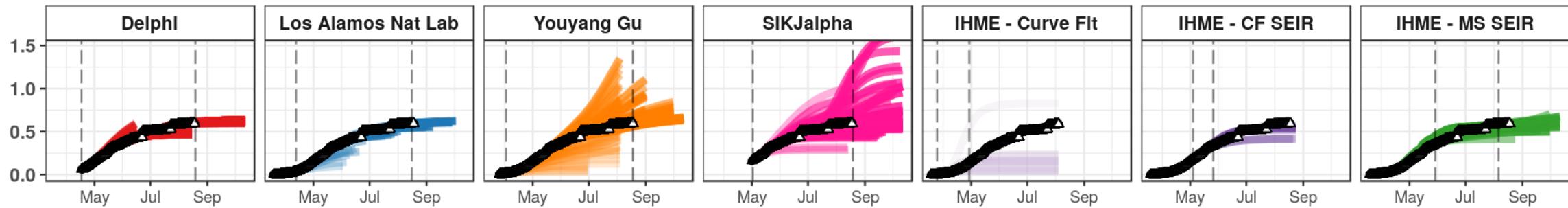
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   N



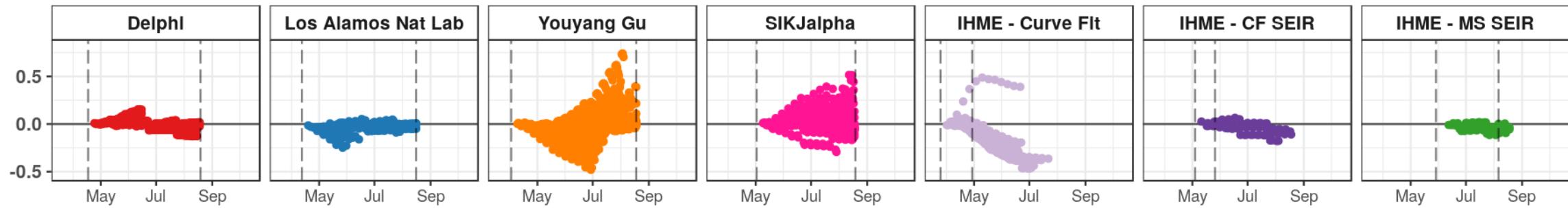
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



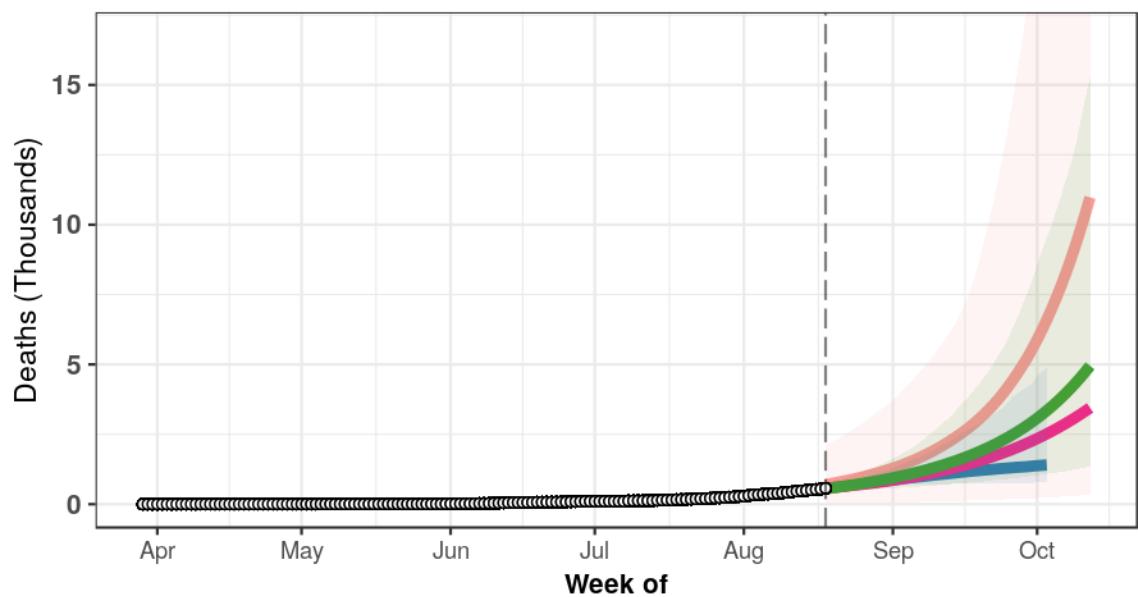
## All Cumulative Errors



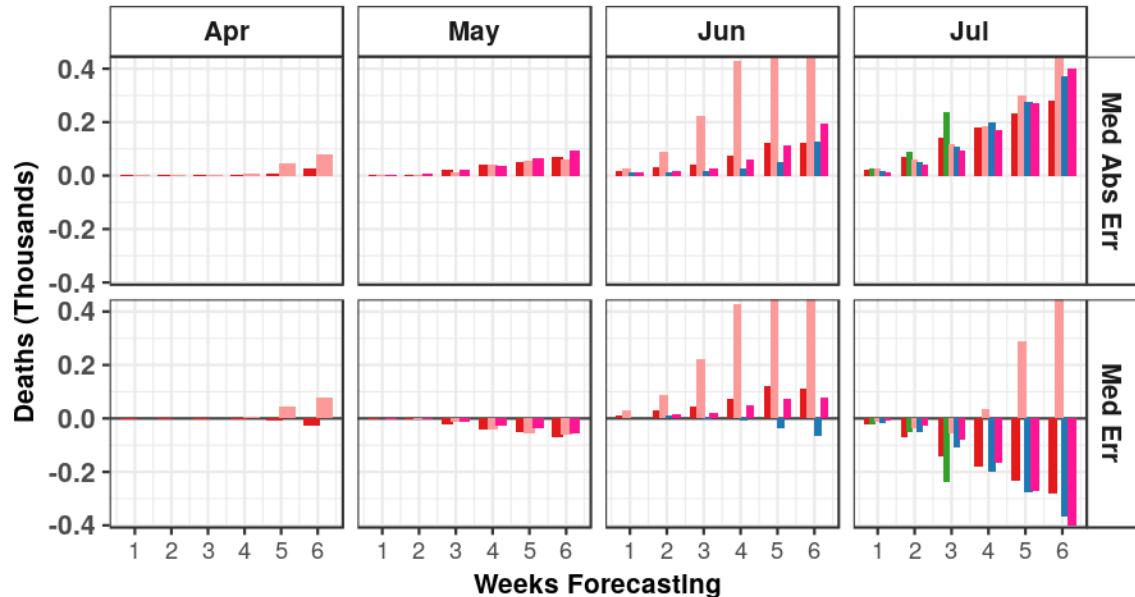
# Ethiopia

## Current Forecast

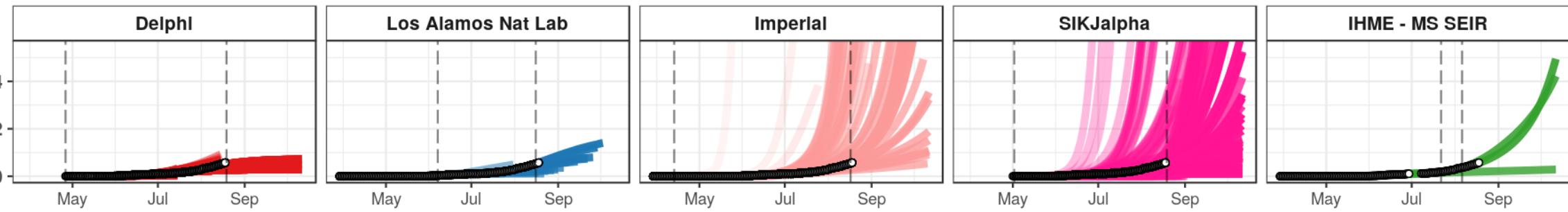
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



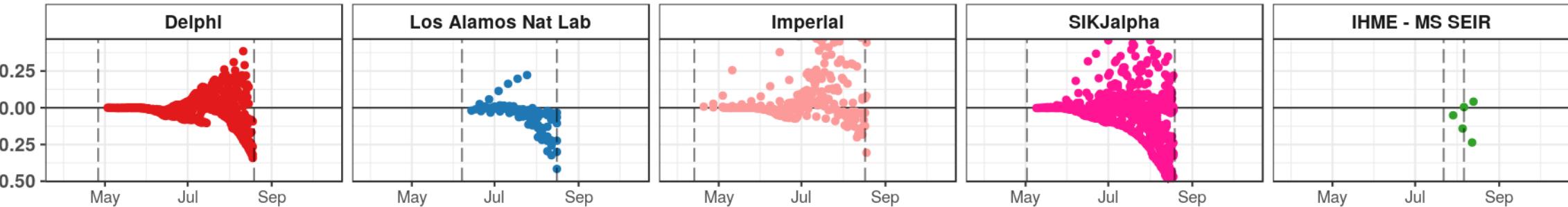
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



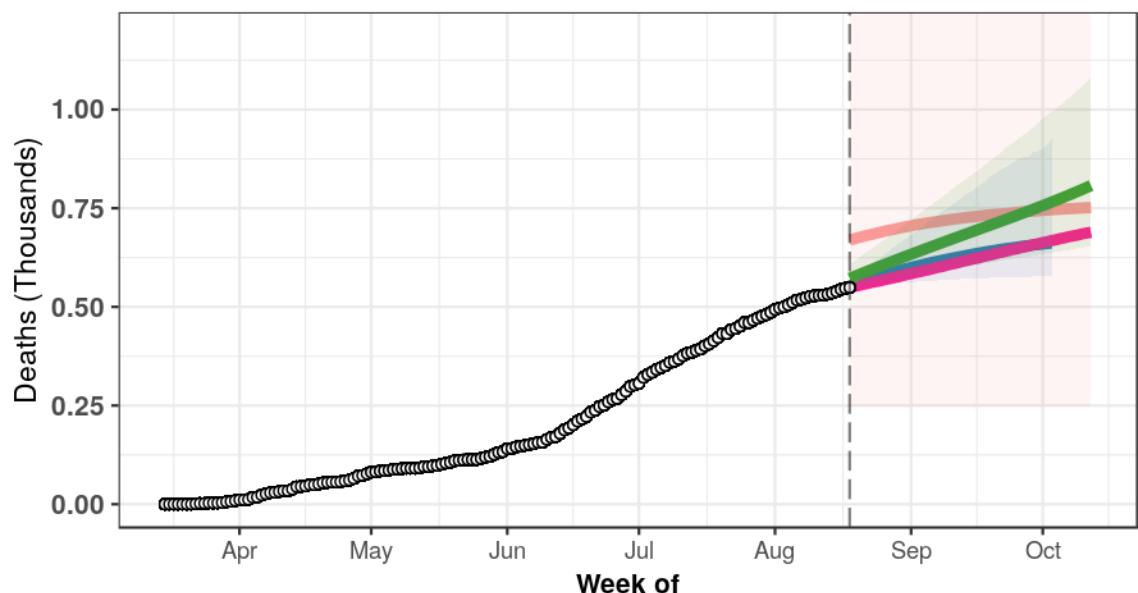
## All Cumulative Errors



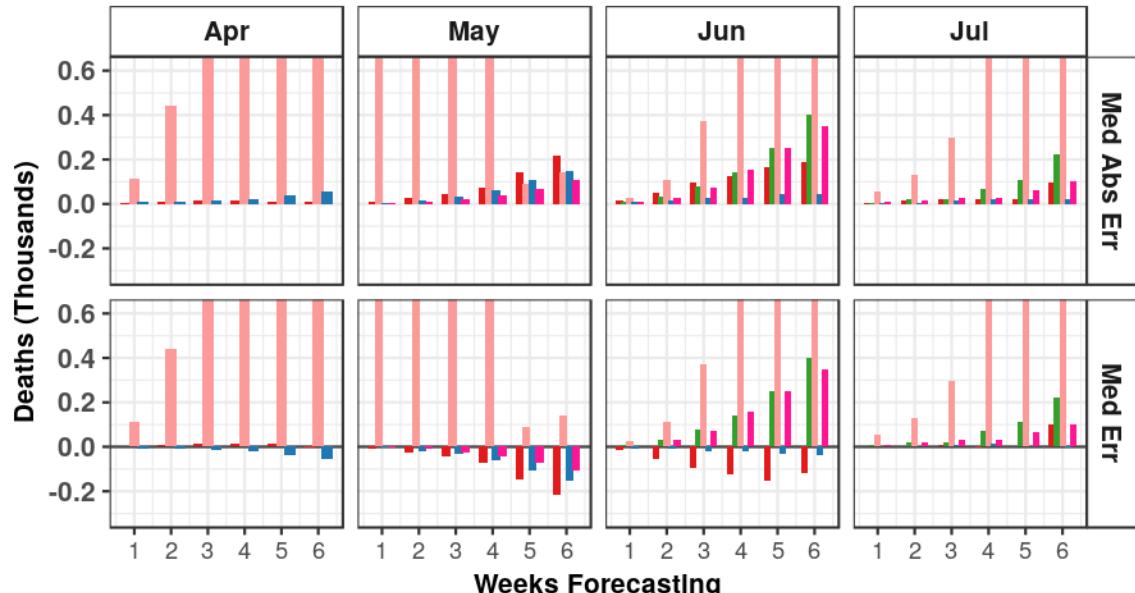
# Macedonia

## Current Forecast

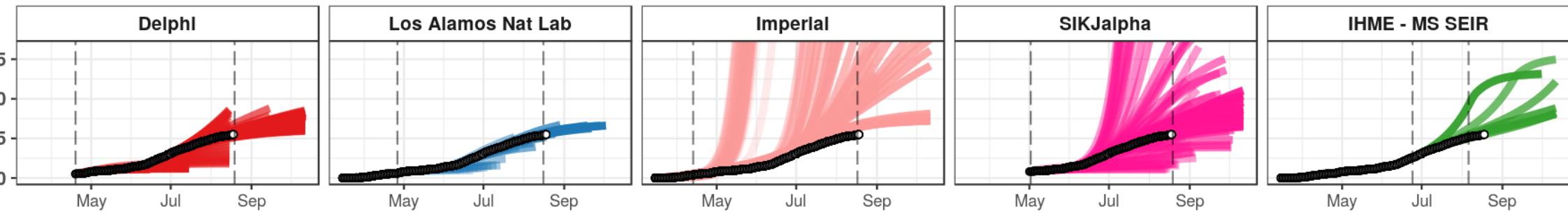
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



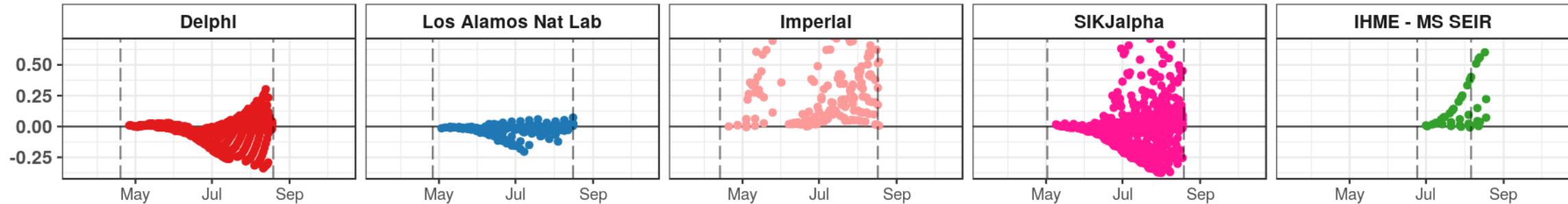
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



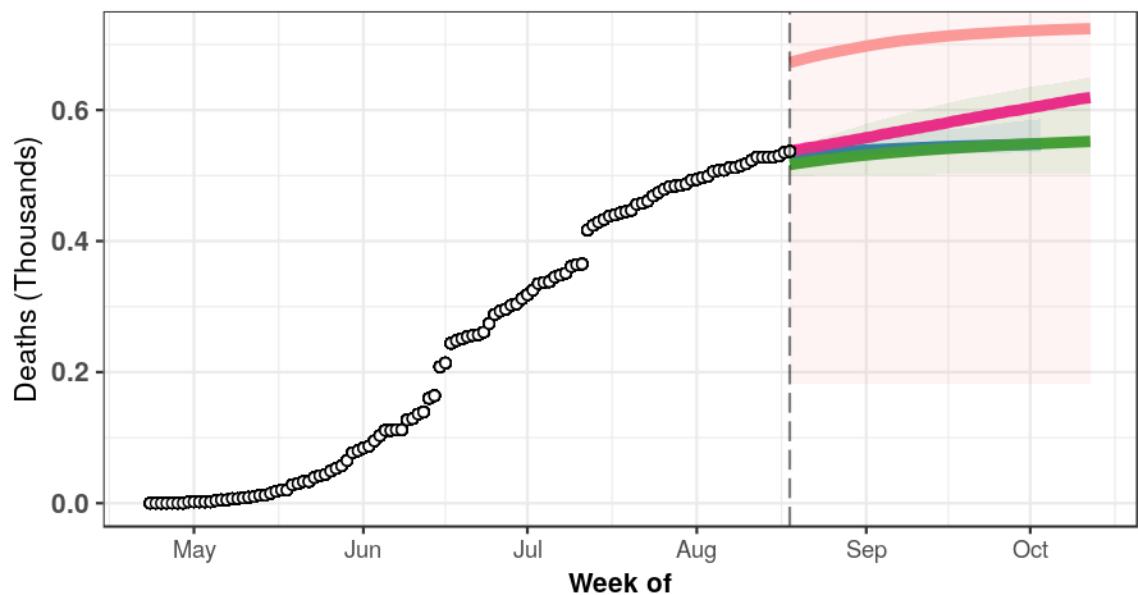
## All Cumulative Errors



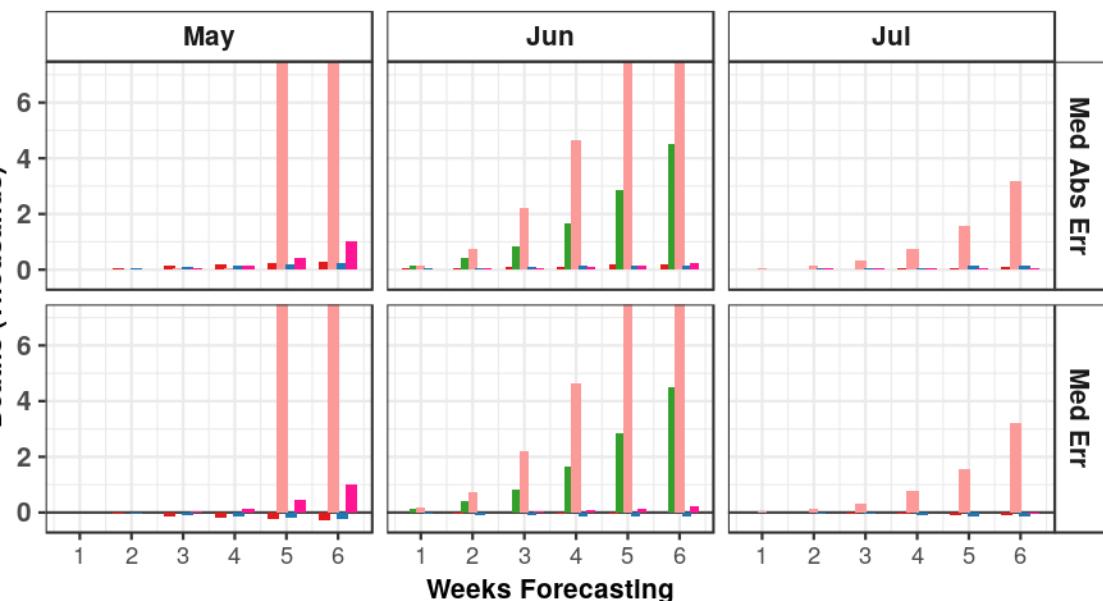
# Yemen

## Current Forecast

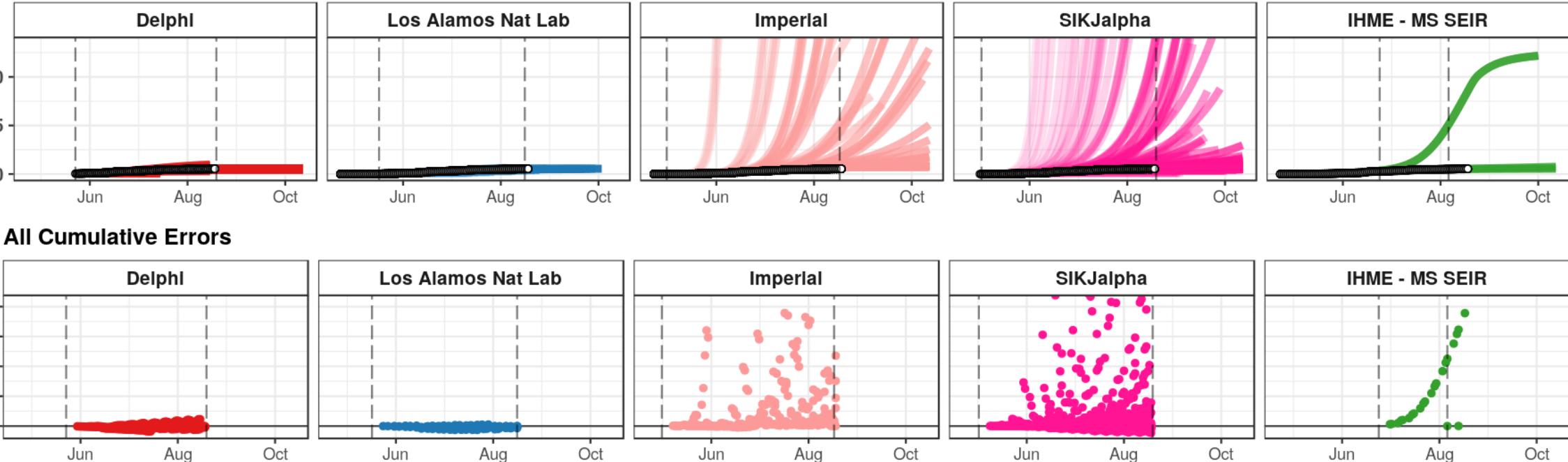
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



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



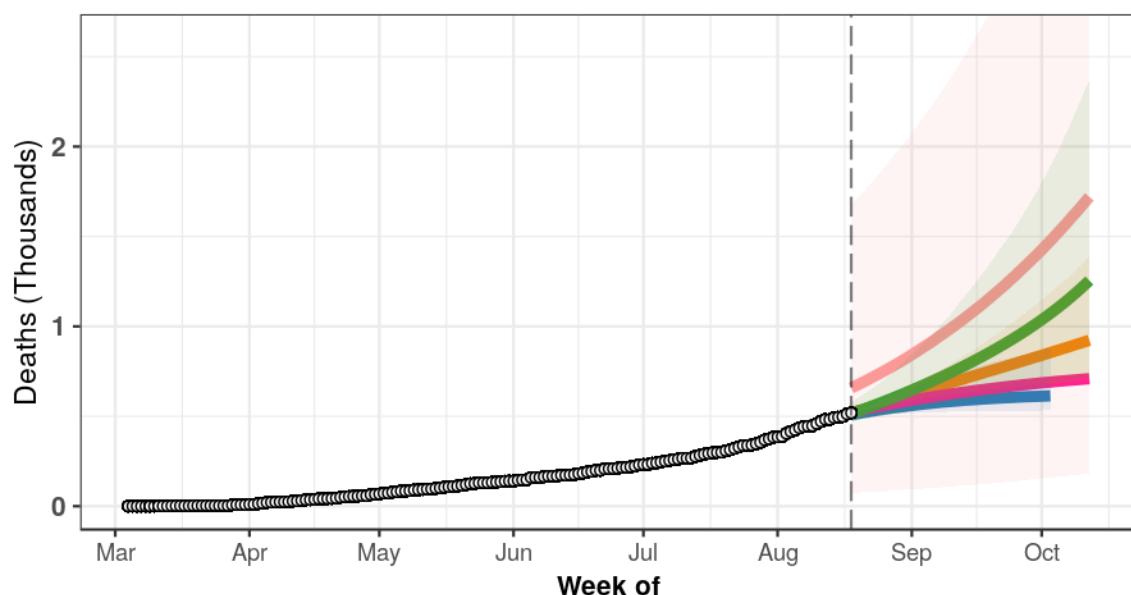
## All Model Versions



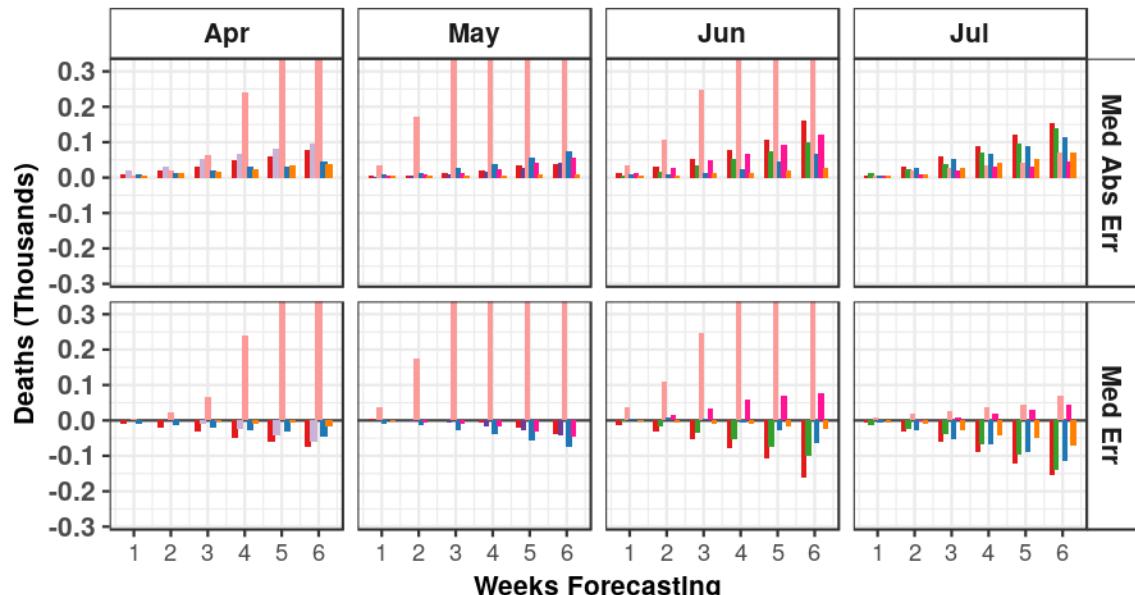
# Bulgaria

## Current Forecast

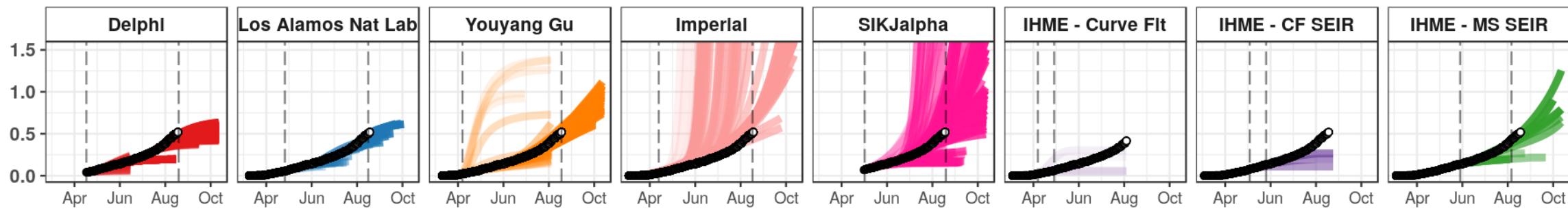
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



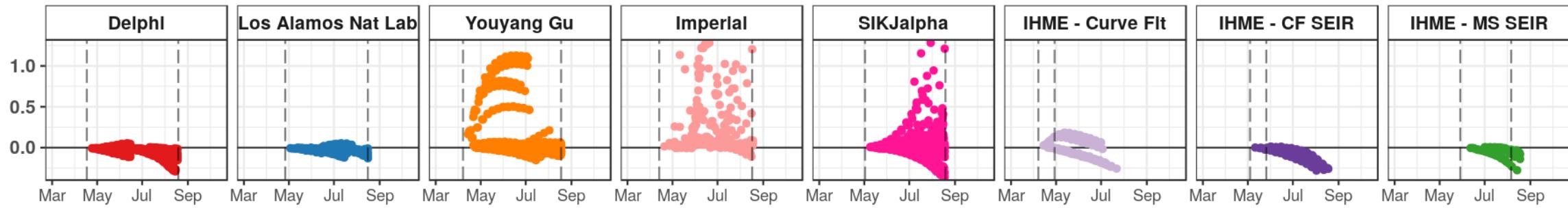
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



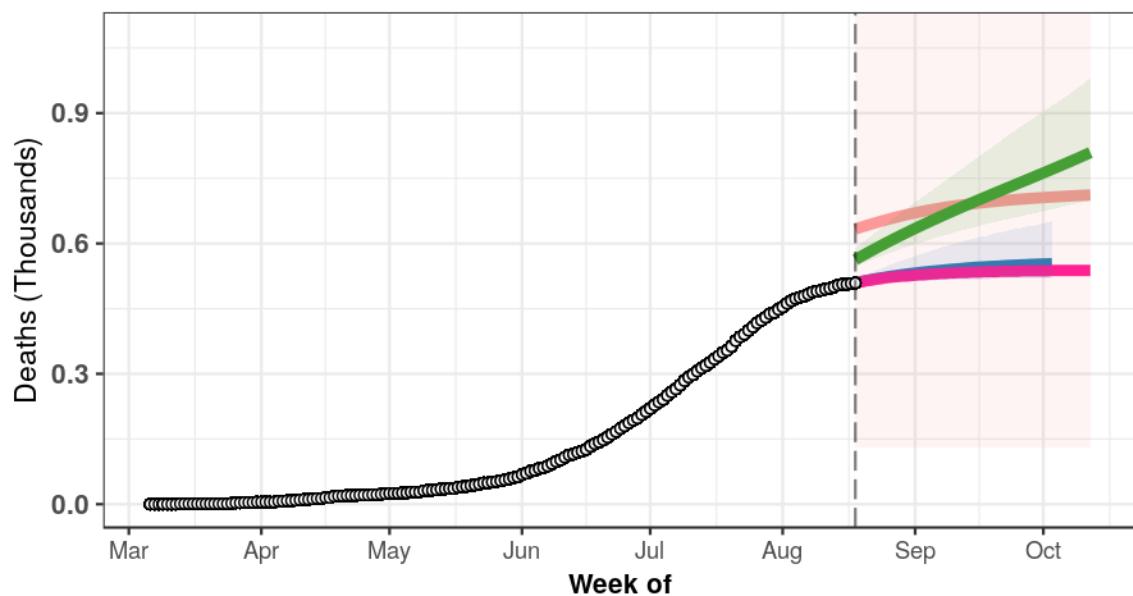
## All Cumulative Errors



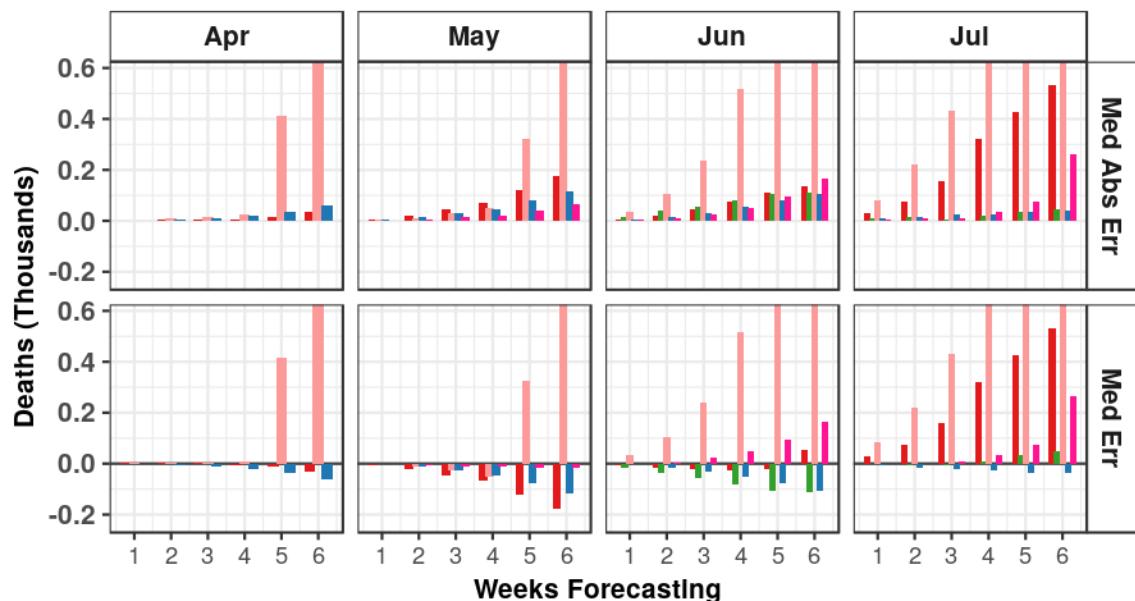
# Azerbaijan

## Current Forecast

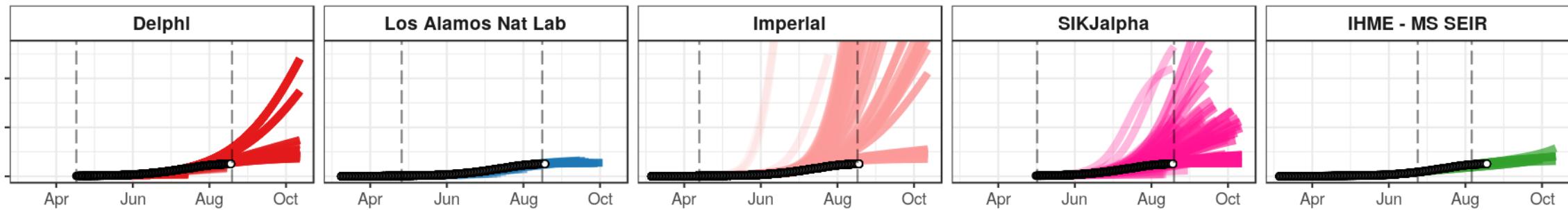
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



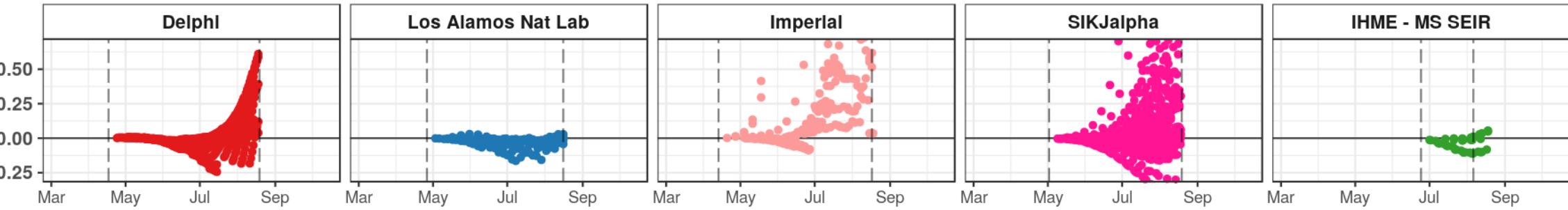
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



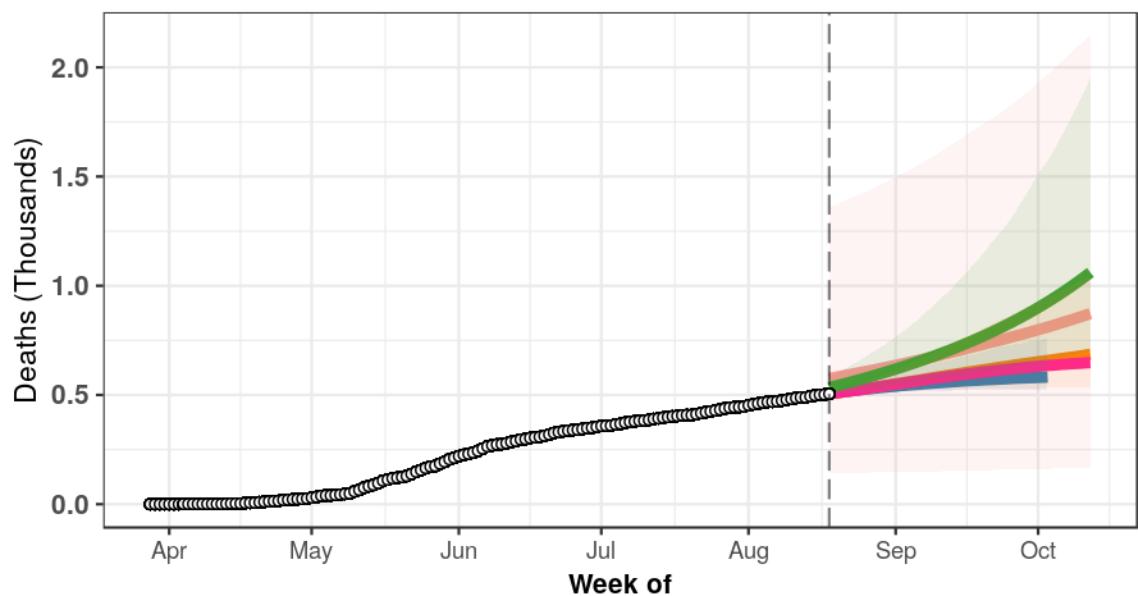
## All Cumulative Errors



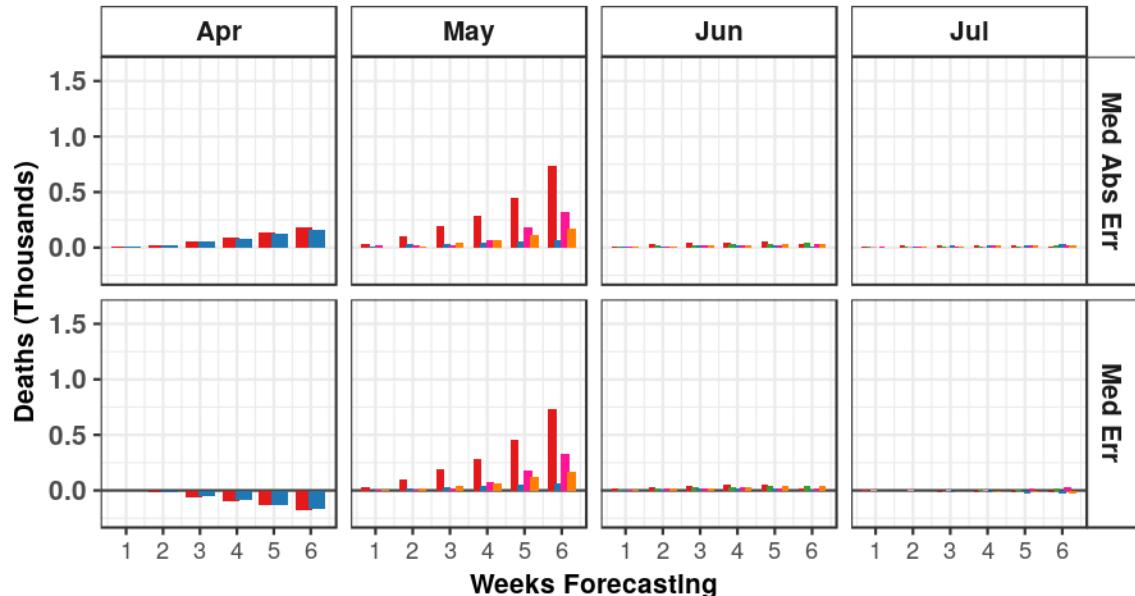
# Kuwait

## Current Forecast

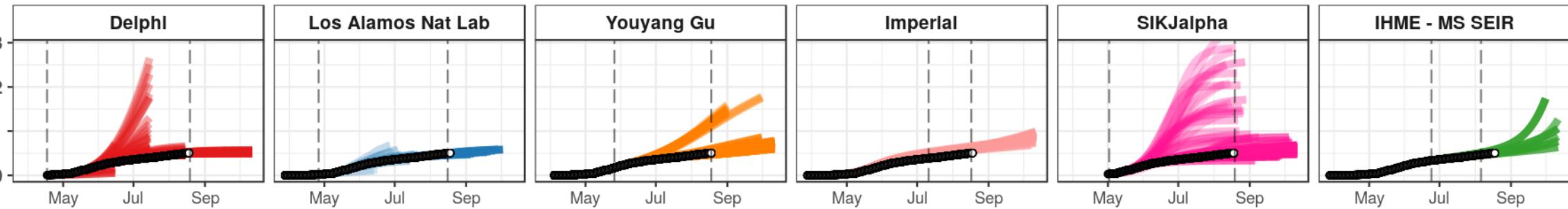
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



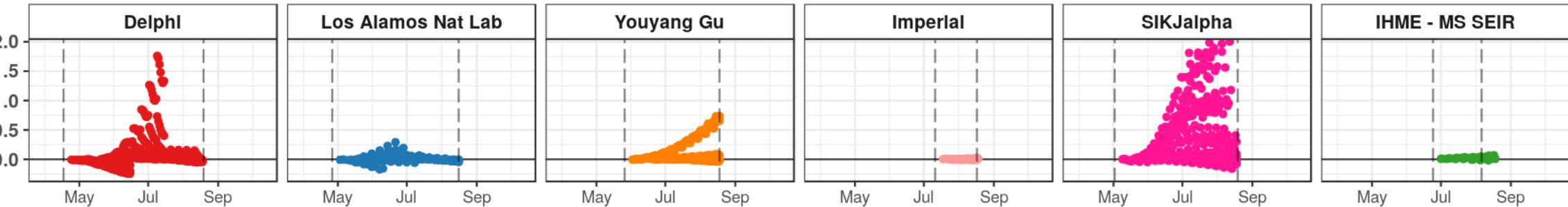
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



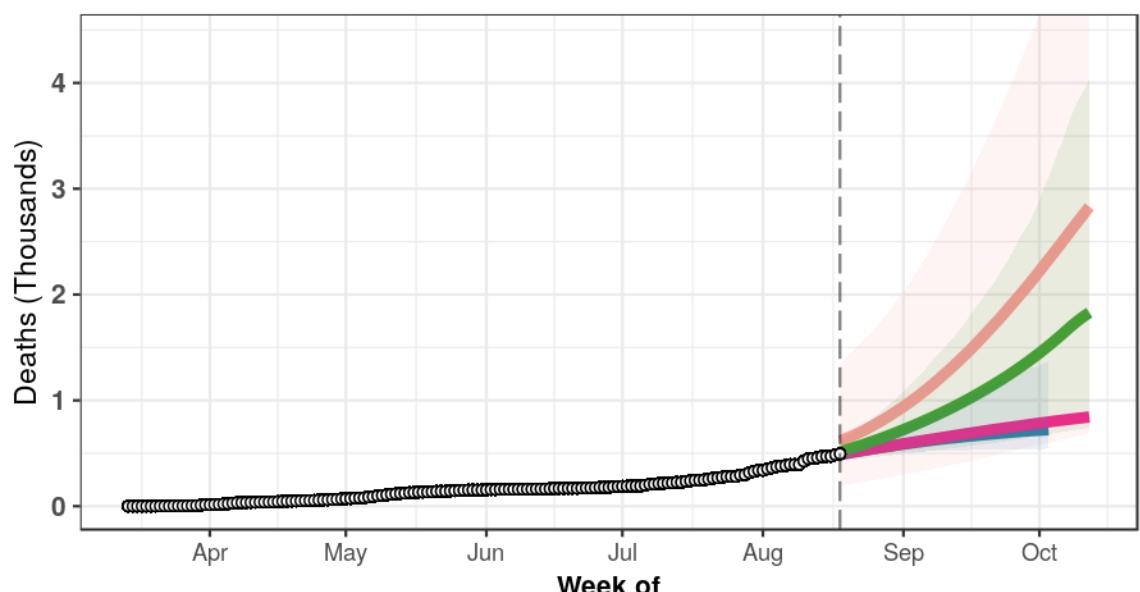
## All Cumulative Errors



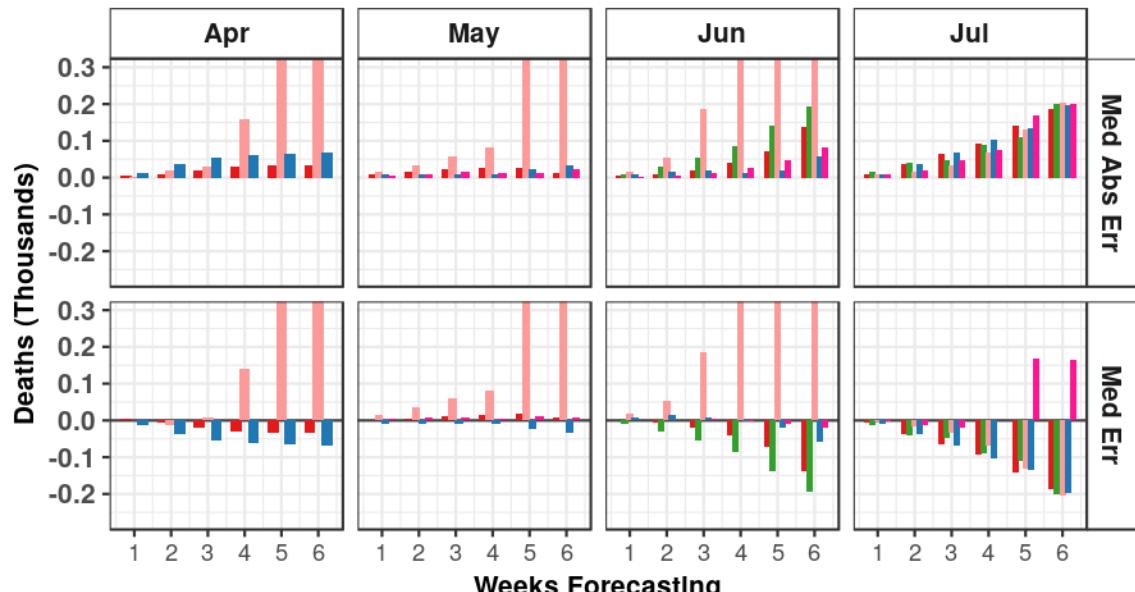
# Bosnia and Herzegovina

## Current Forecast

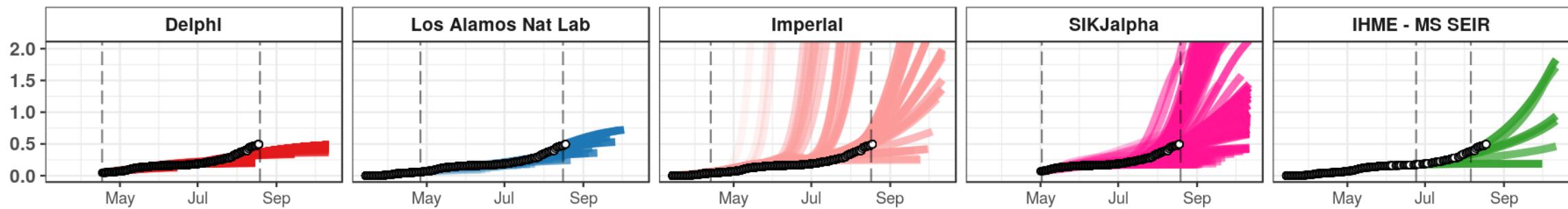
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



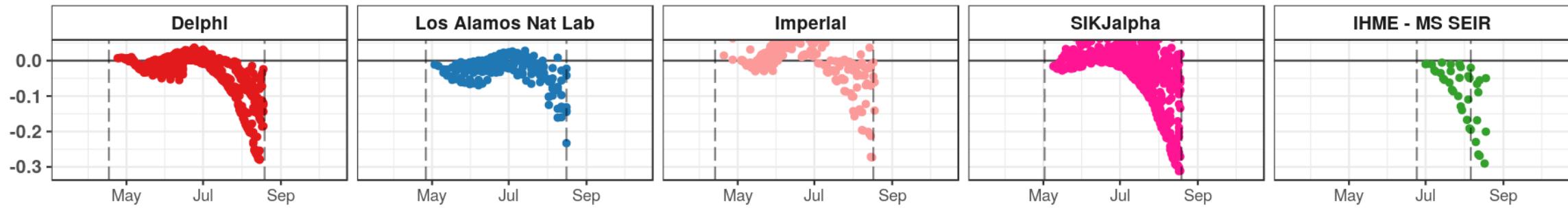
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



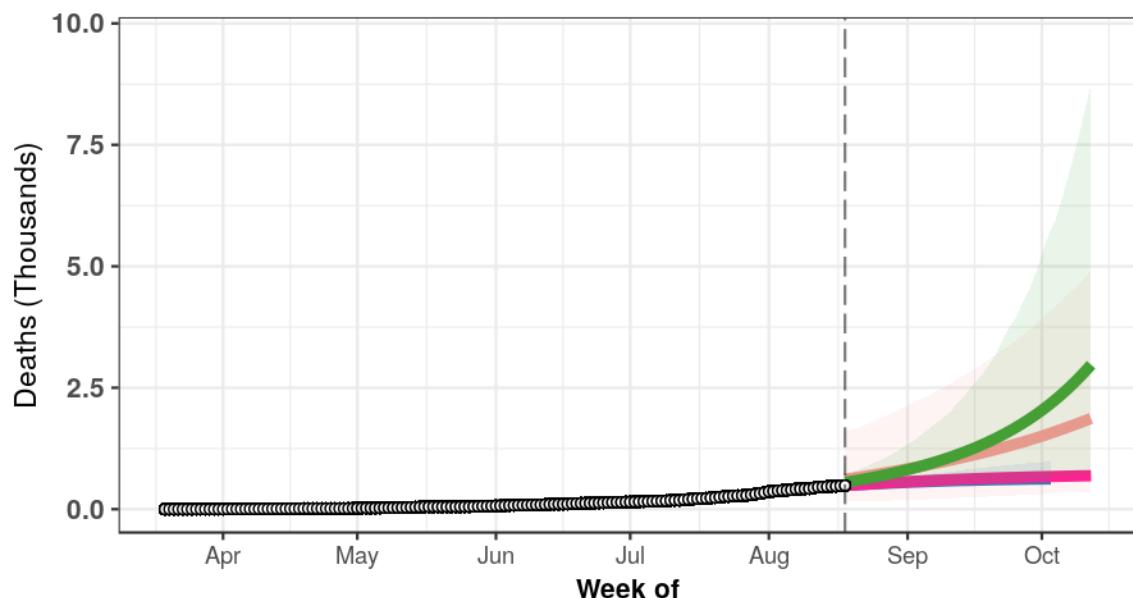
## All Cumulative Errors



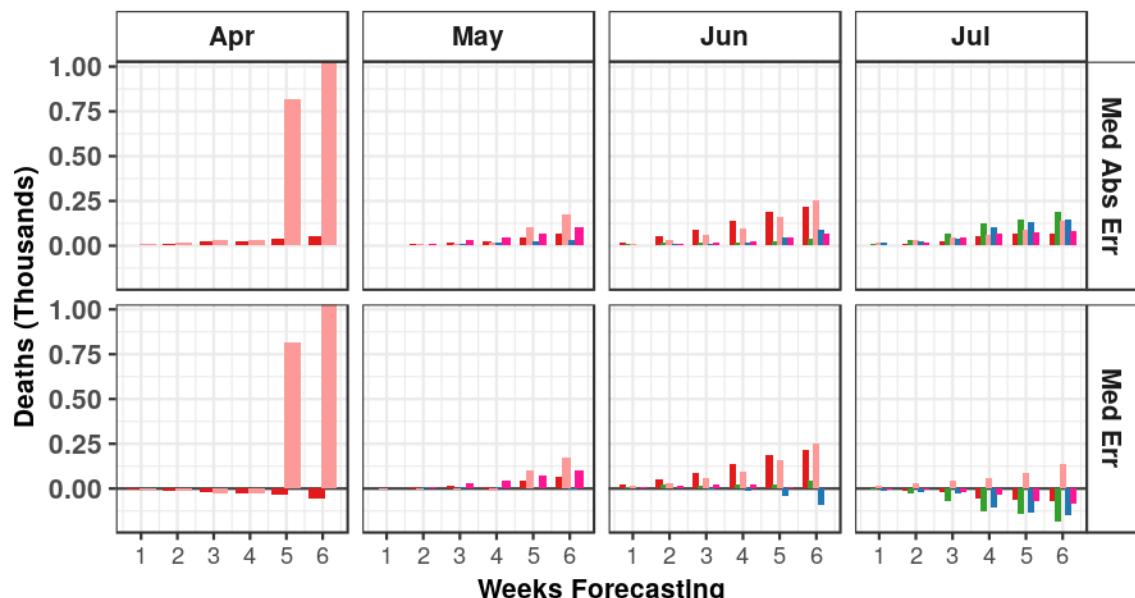
# Kenya

## Current Forecast

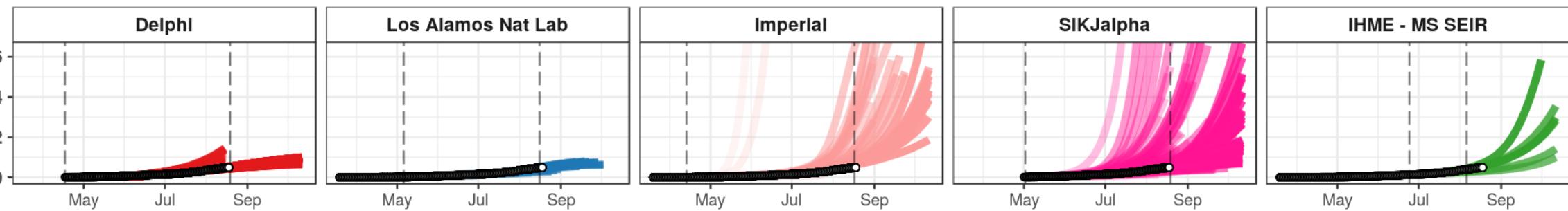
Los Alamos Nat Lab   Imperial   SIKJalpah   IHME - MS SEIR



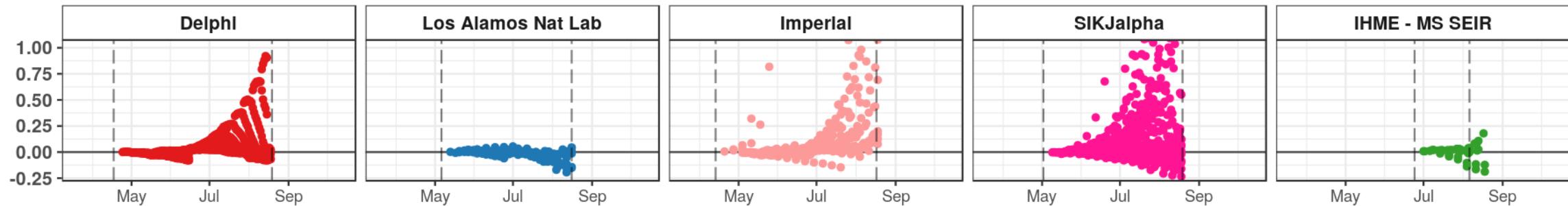
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



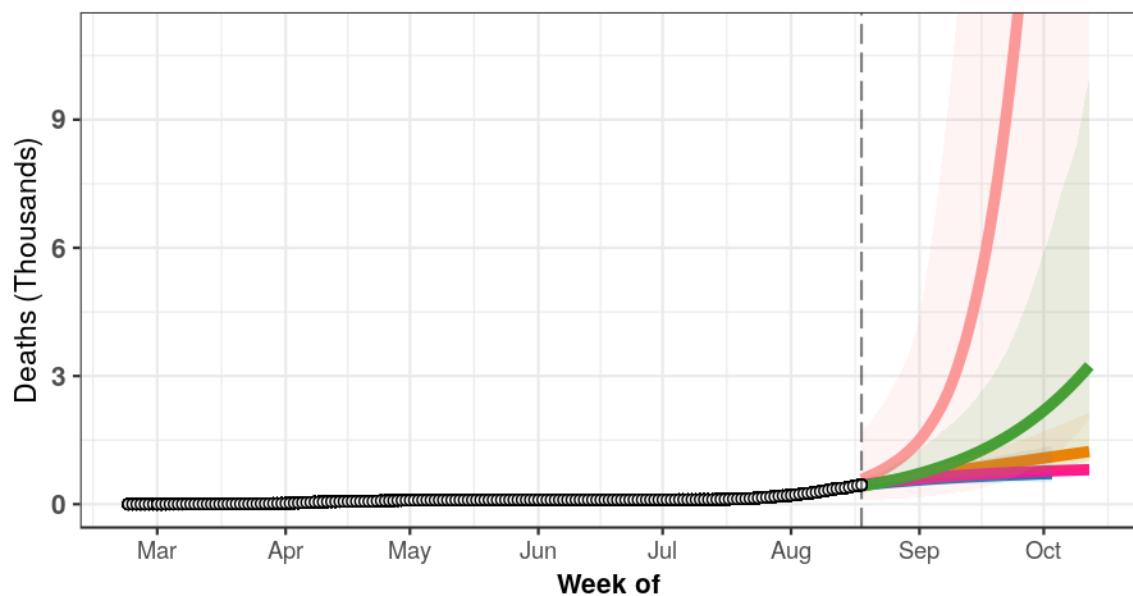
## All Cumulative Errors



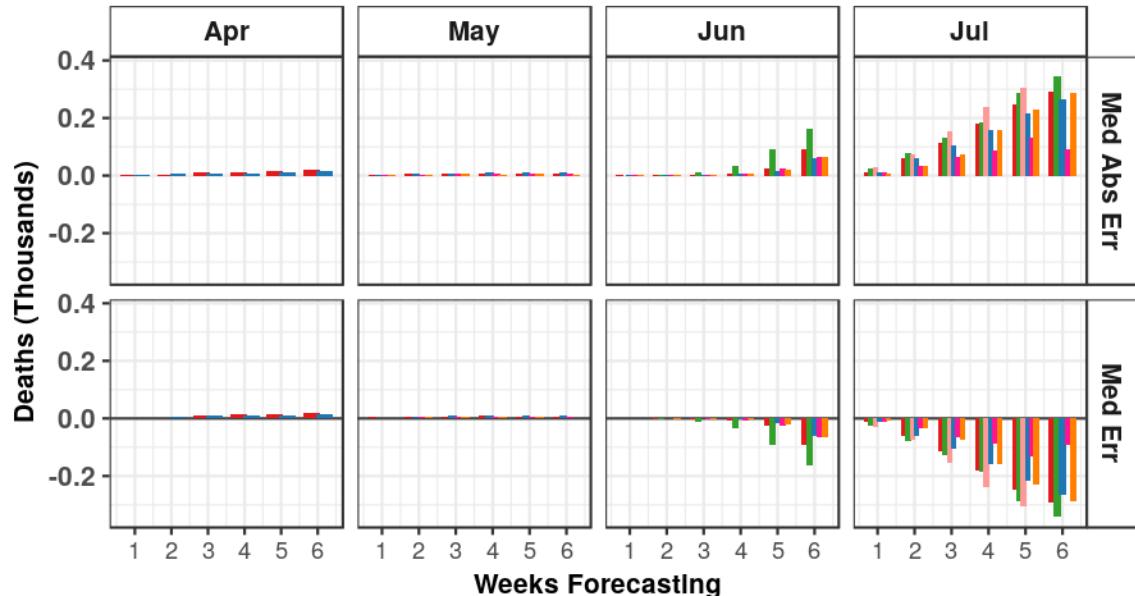
# Australia

## Current Forecast

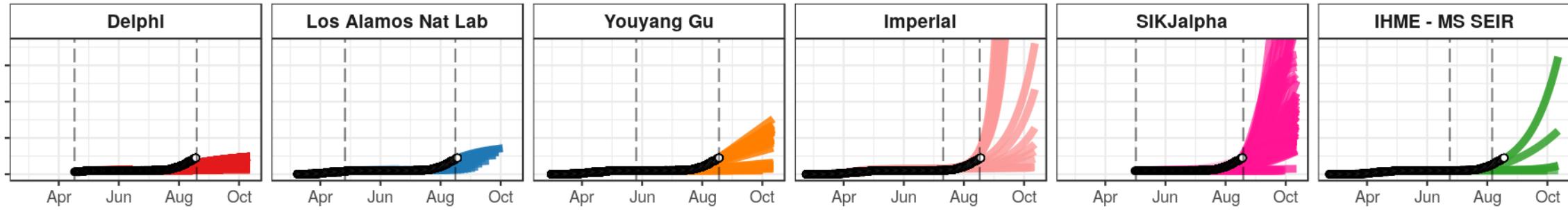
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



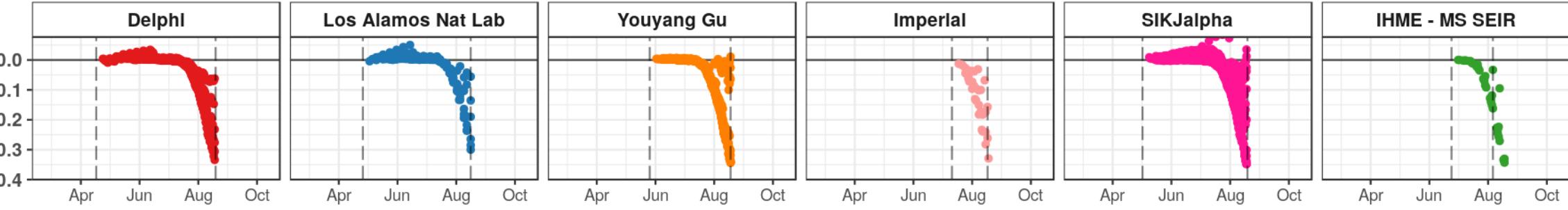
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



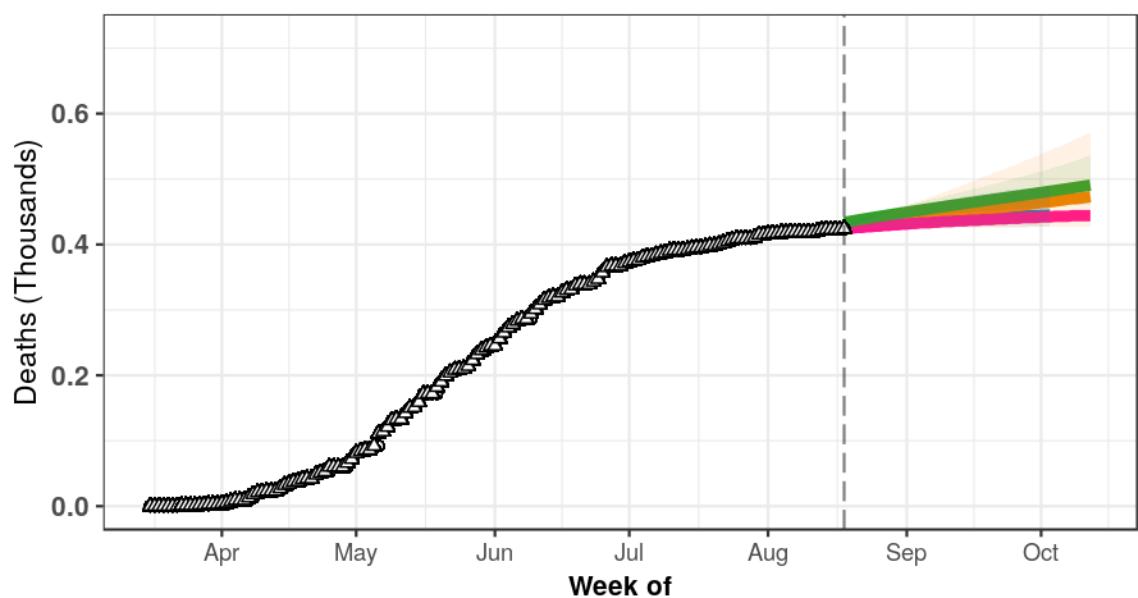
## All Cumulative Errors



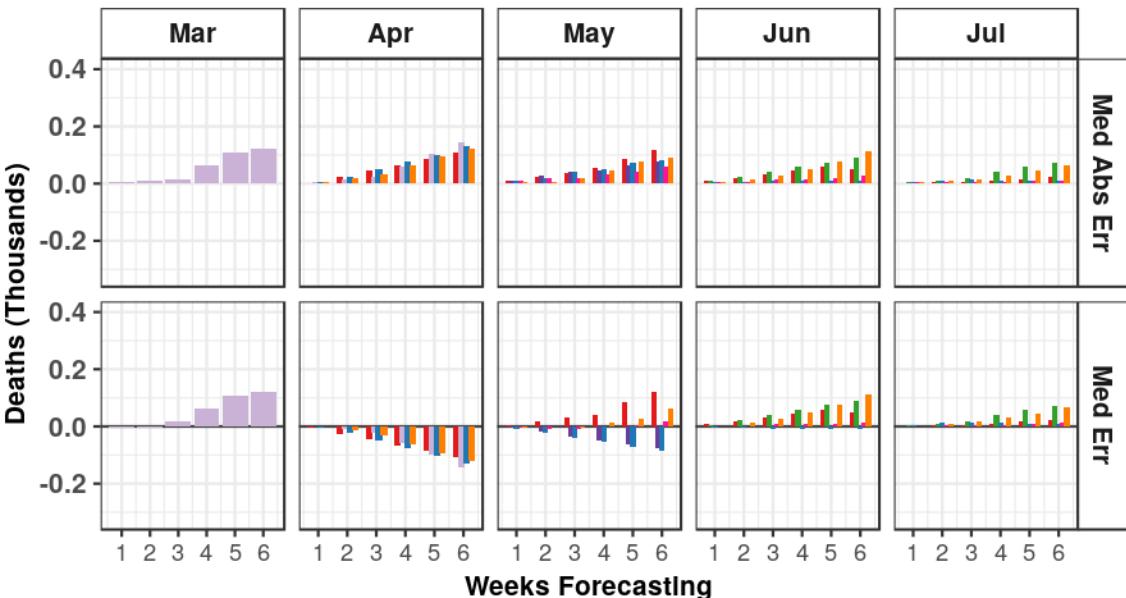
# New Hampshire

## Current Forecast

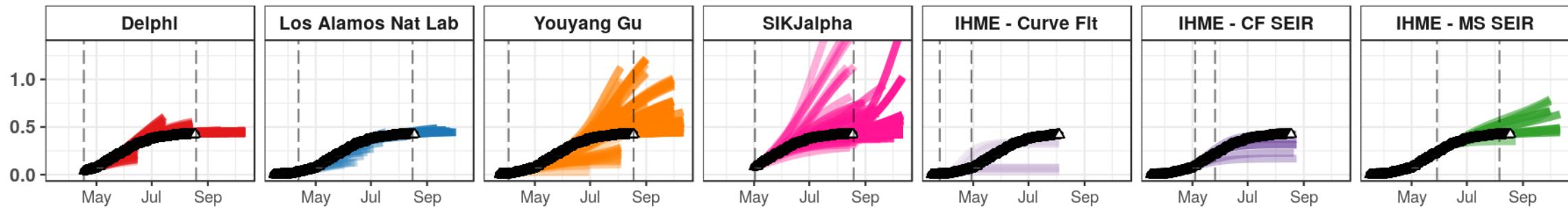
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



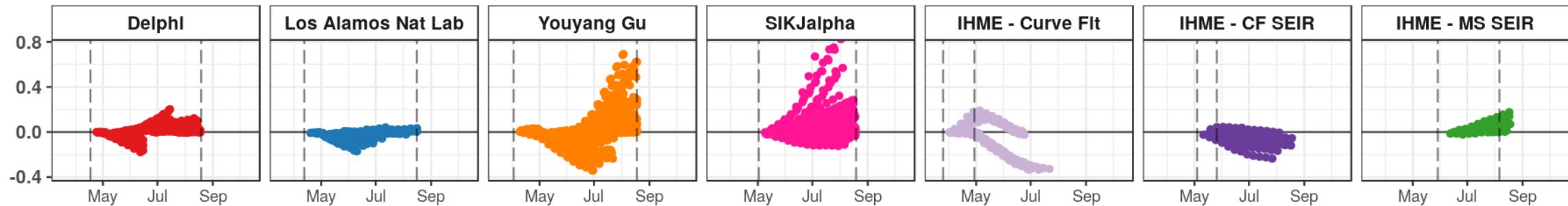
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



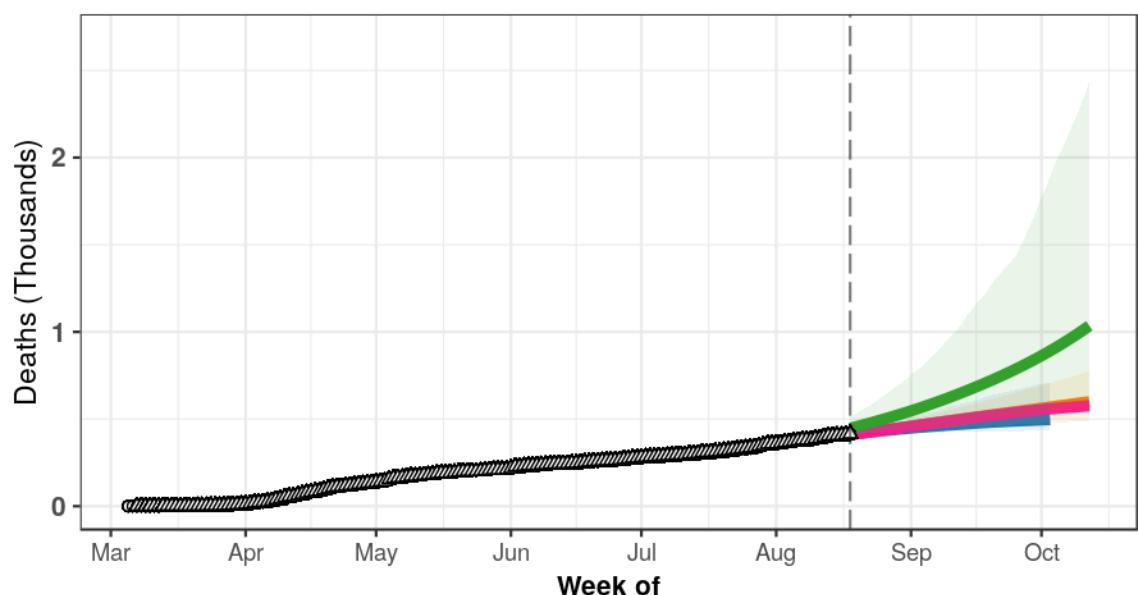
## All Cumulative Errors



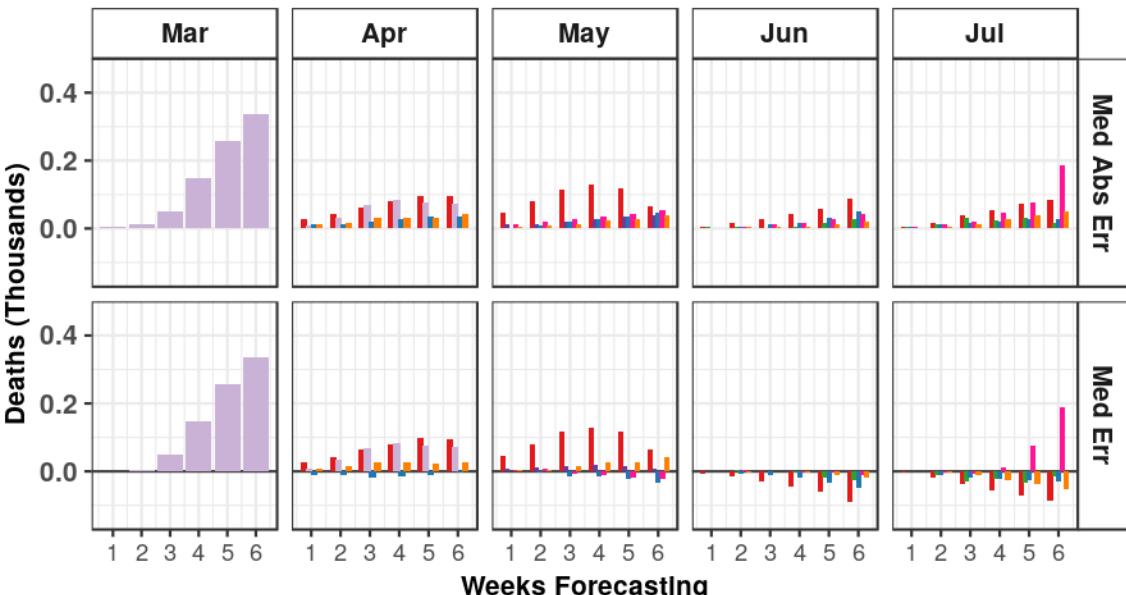
# Kansas

## Current Forecast

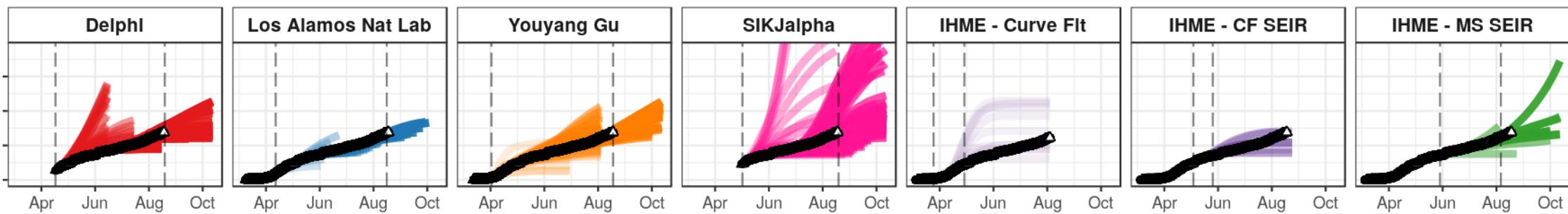
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NYT



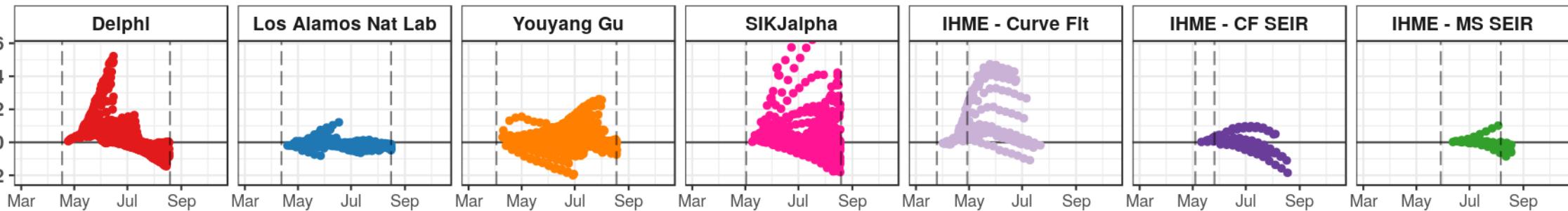
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



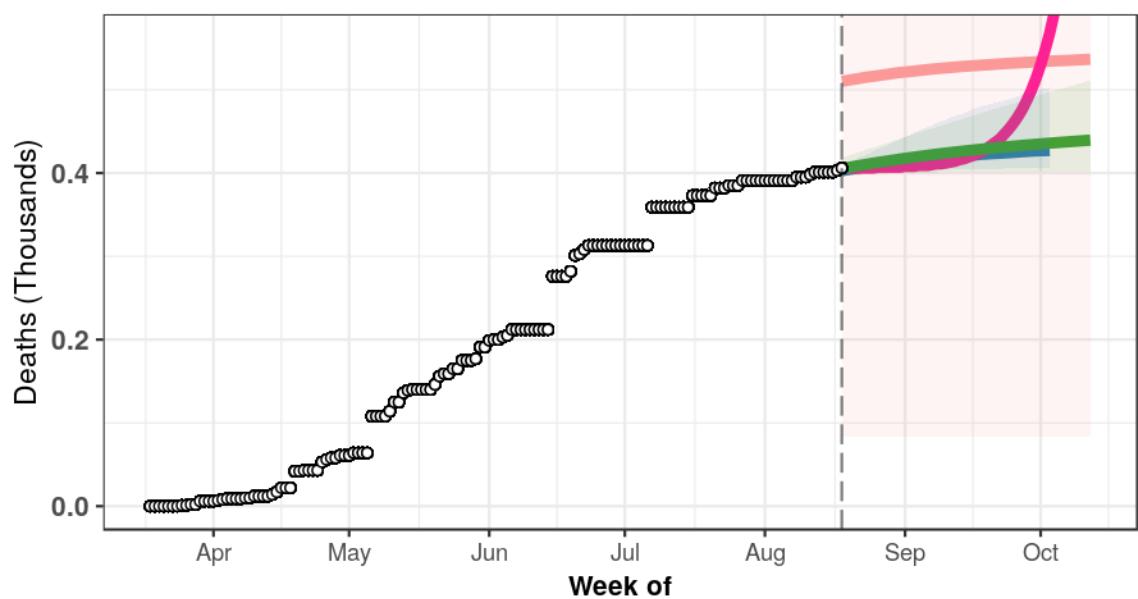
## All Cumulative Errors



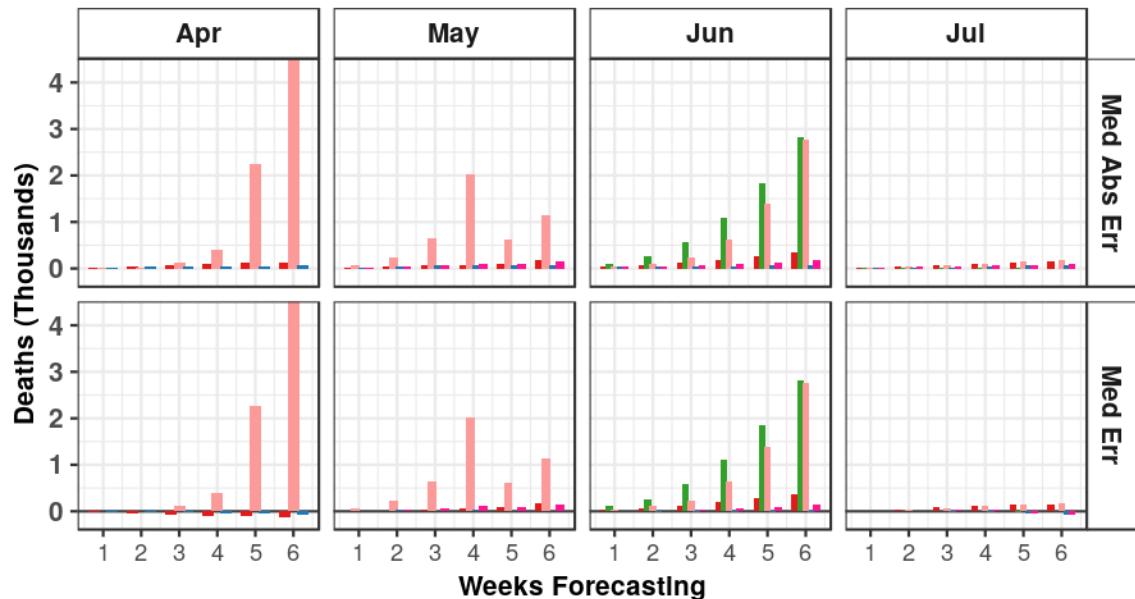
# Cameroon

## Current Forecast

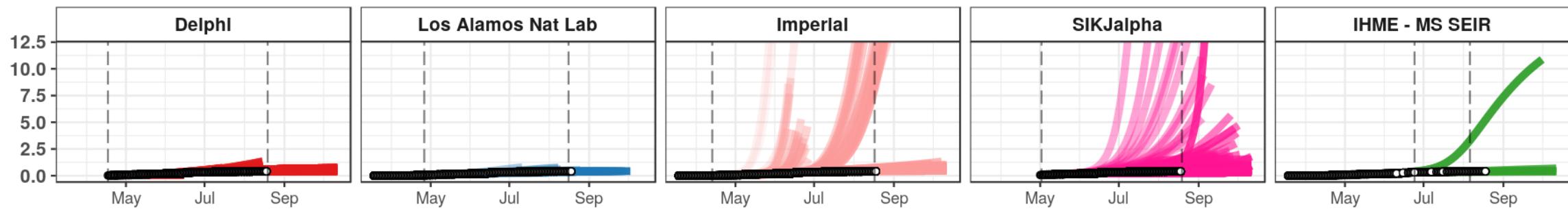
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



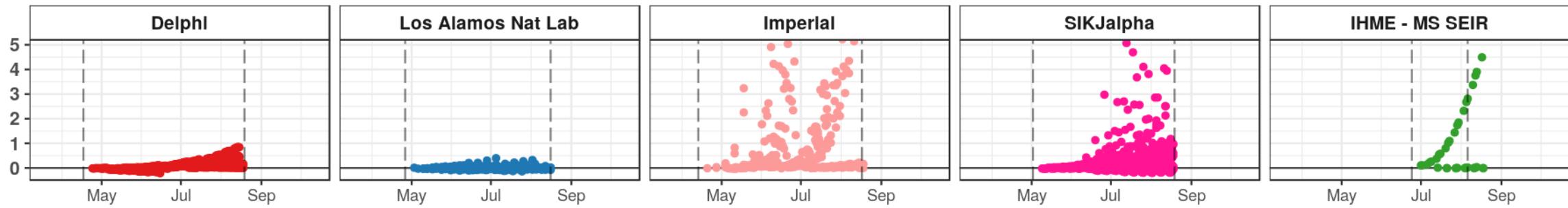
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



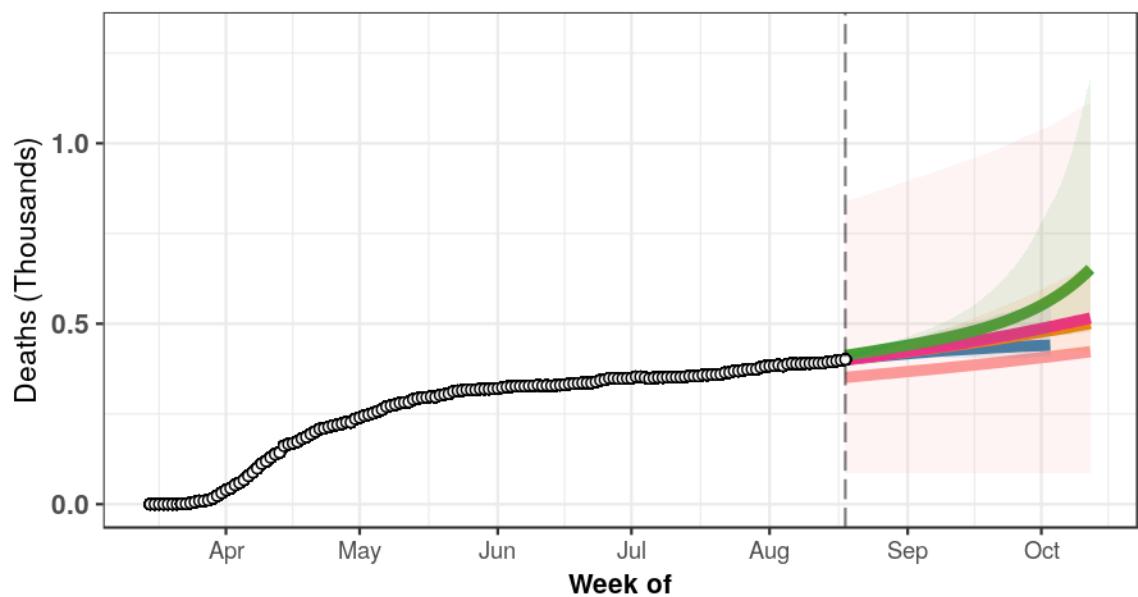
## All Cumulative Errors



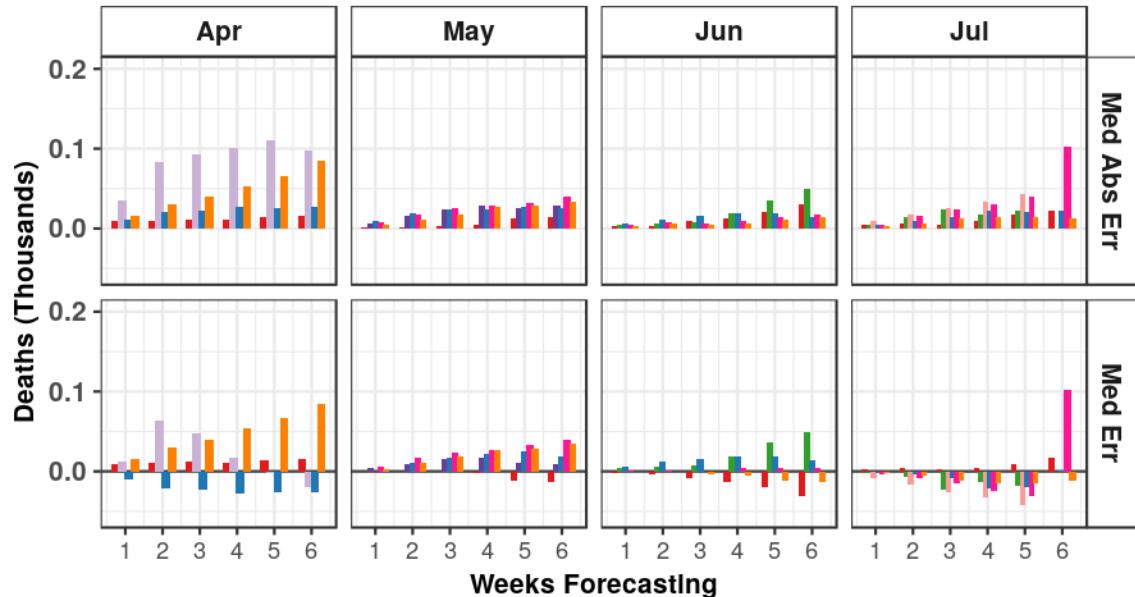
# Czech Republic

## Current Forecast

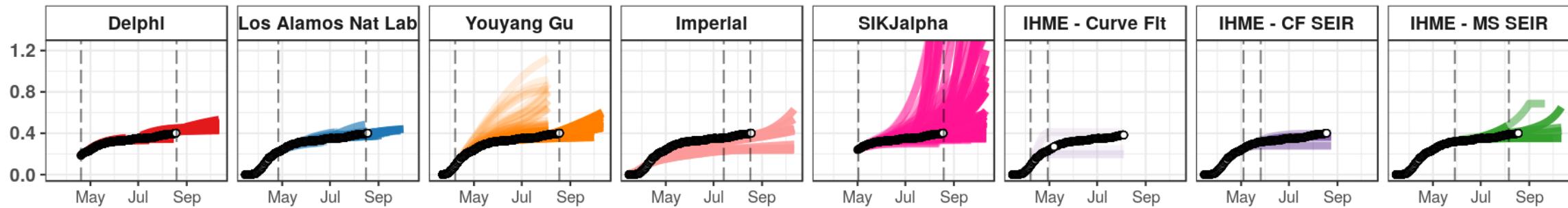
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



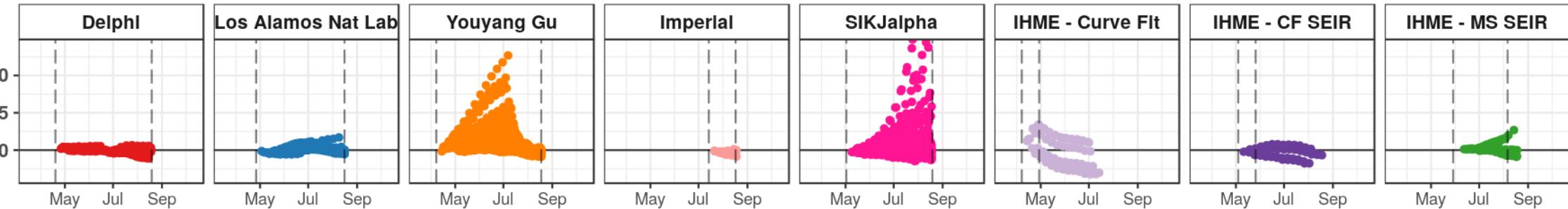
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



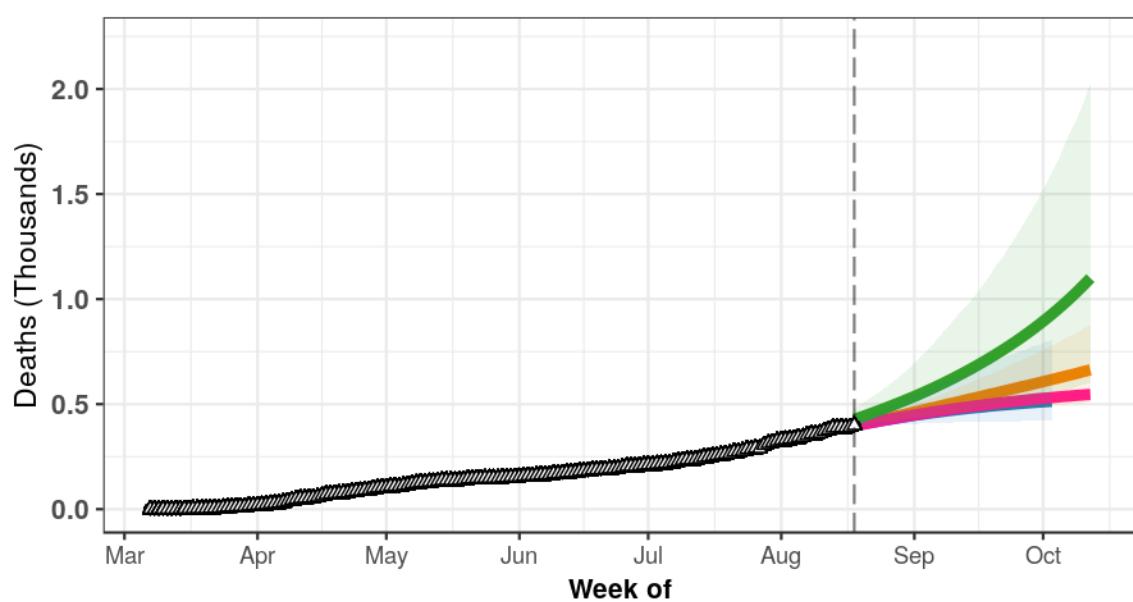
## All Cumulative Errors



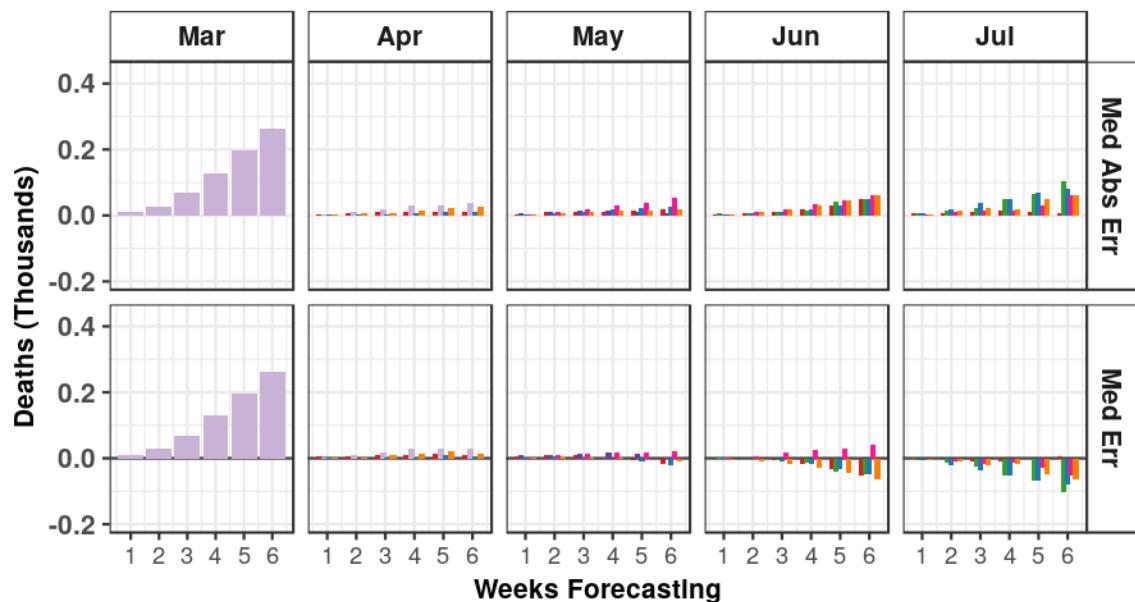
# Oregon

## Current Forecast

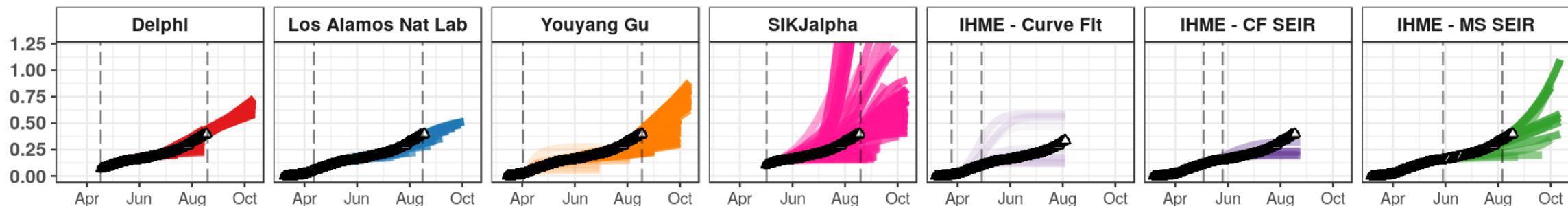
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



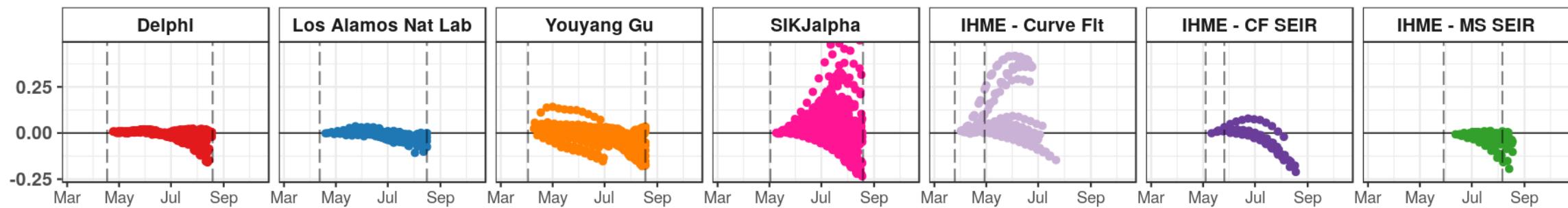
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



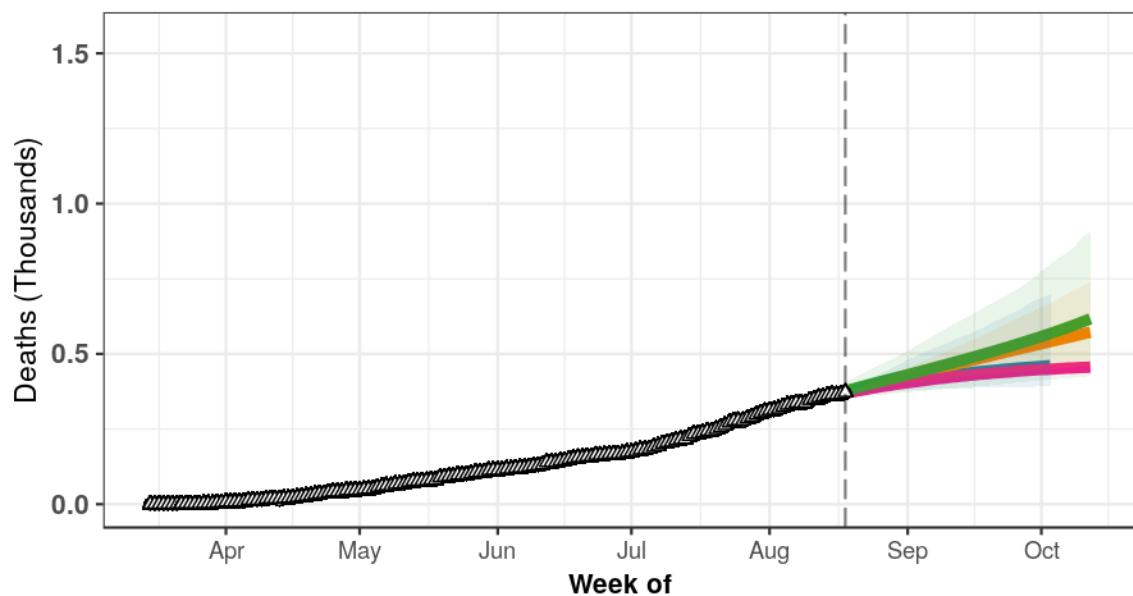
## All Cumulative Errors



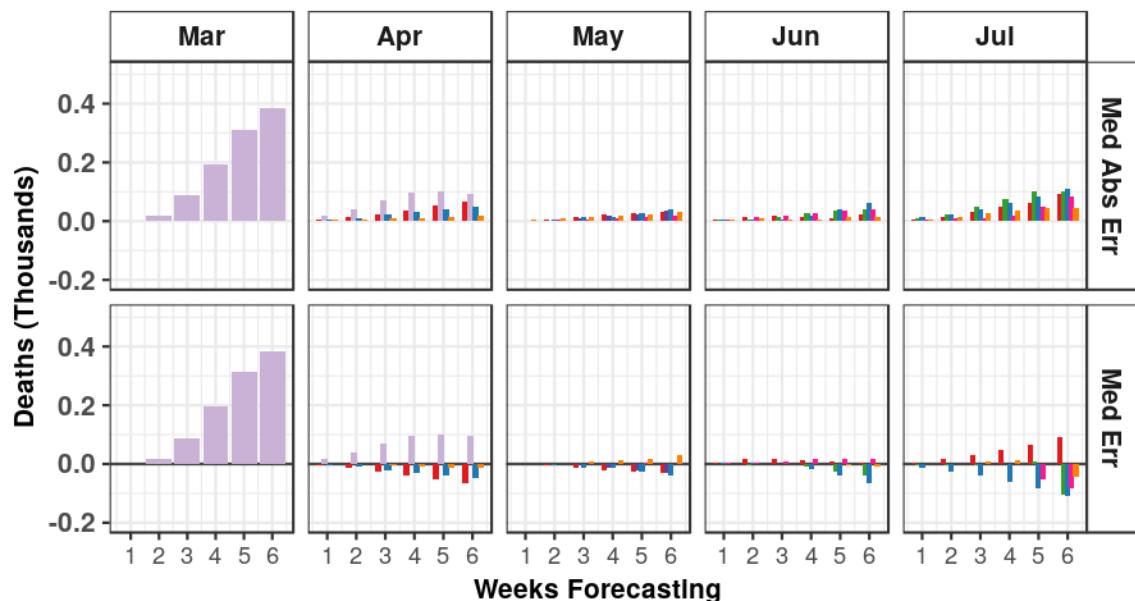
# Utah

## Current Forecast

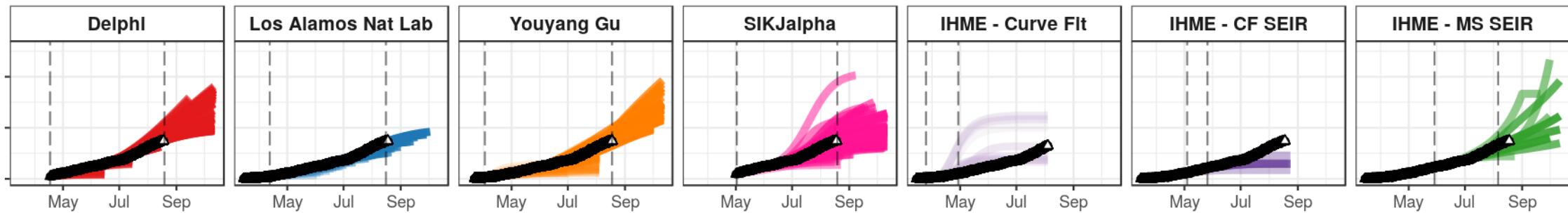
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



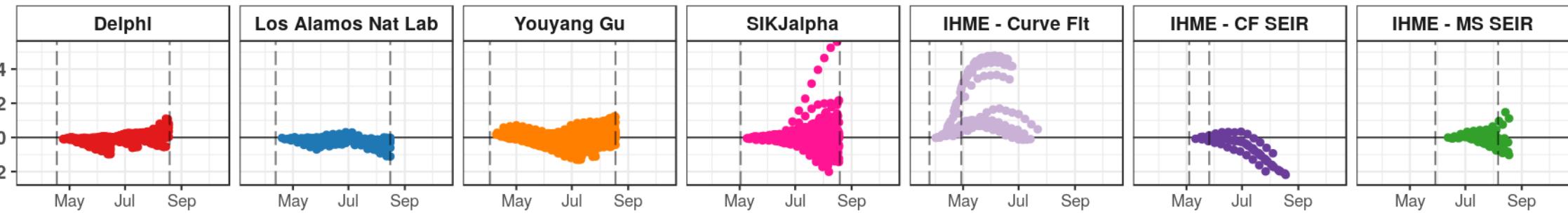
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



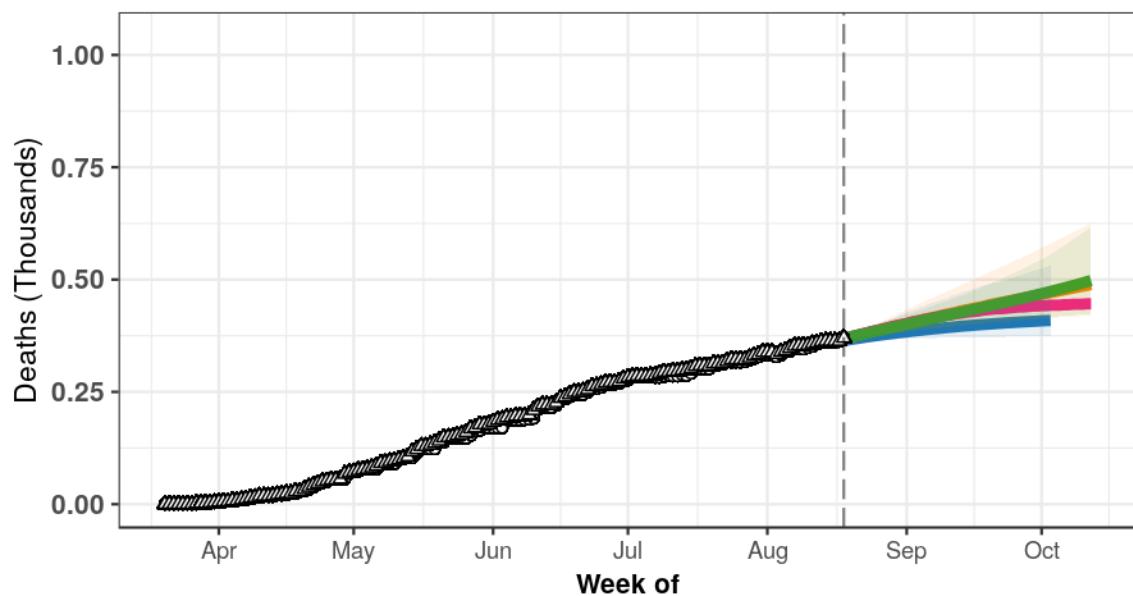
## All Cumulative Errors



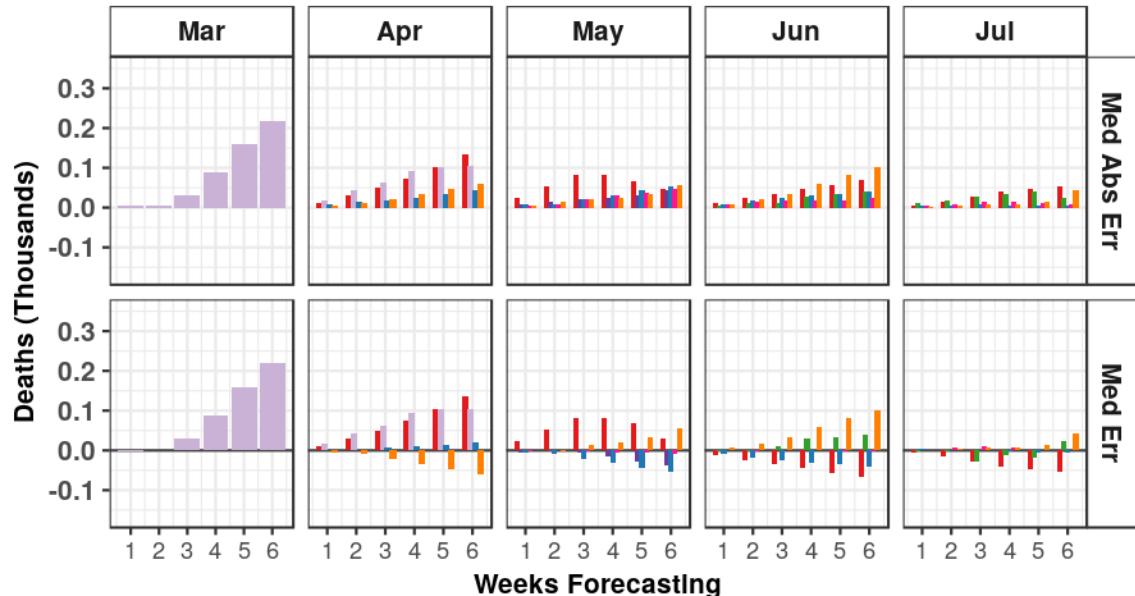
# Nebraska

## Current Forecast

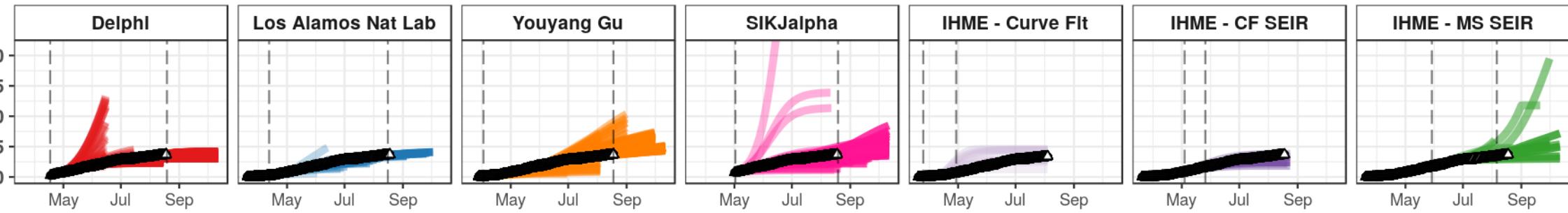
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   N



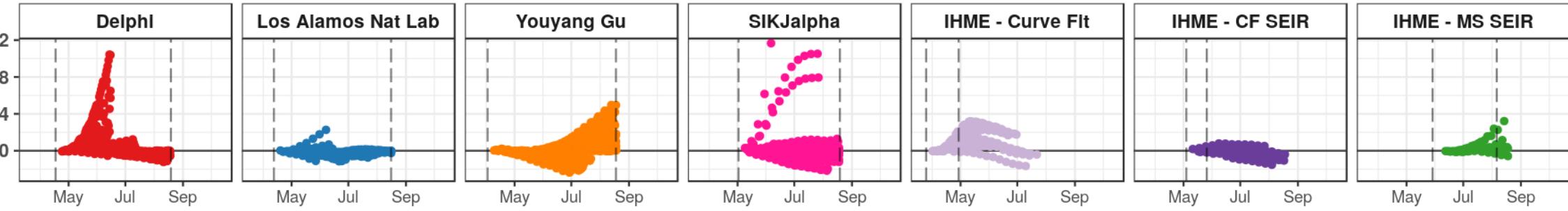
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



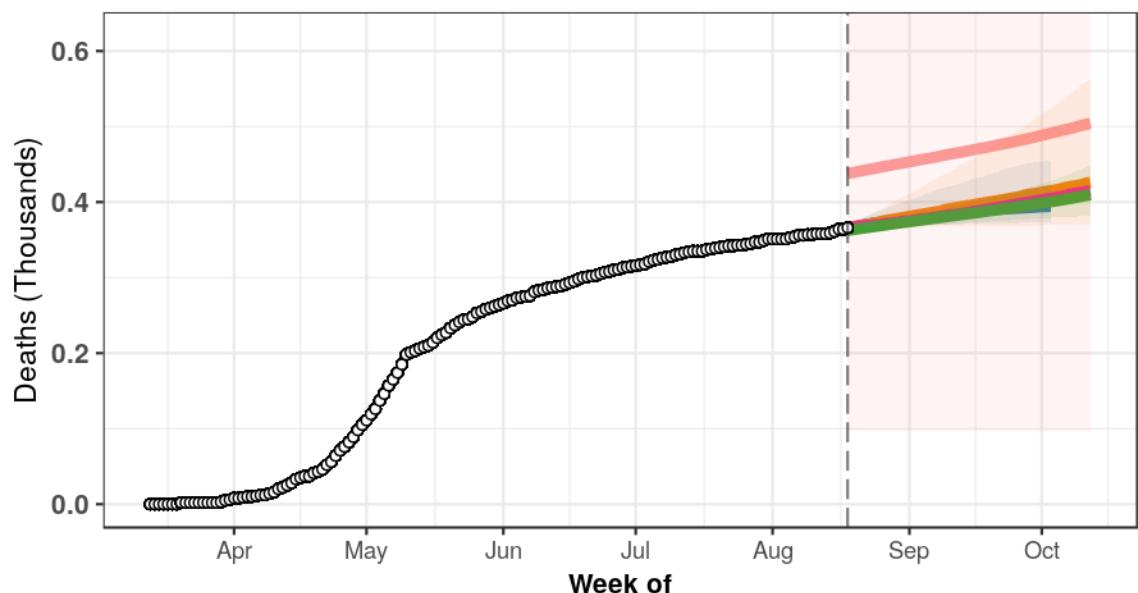
## All Cumulative Errors



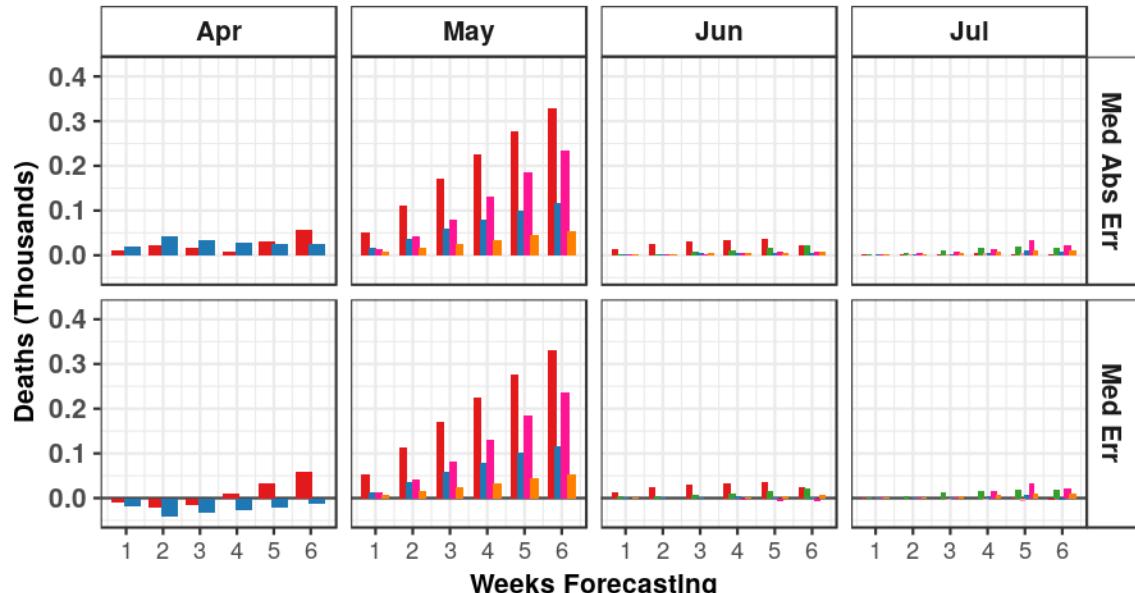
# United Arab Emirates

## Current Forecast

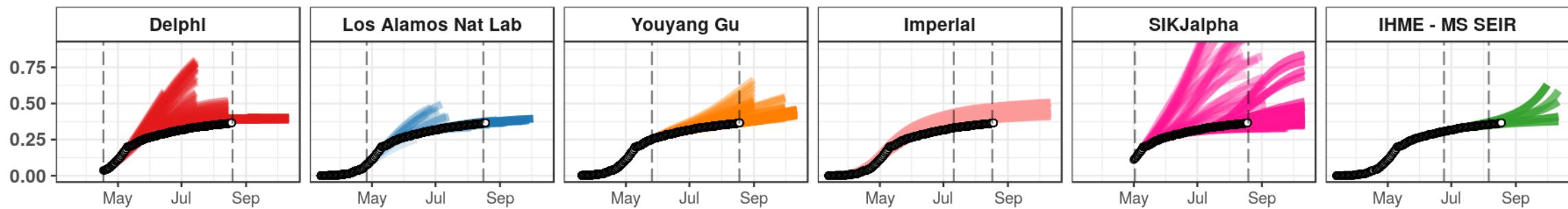
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



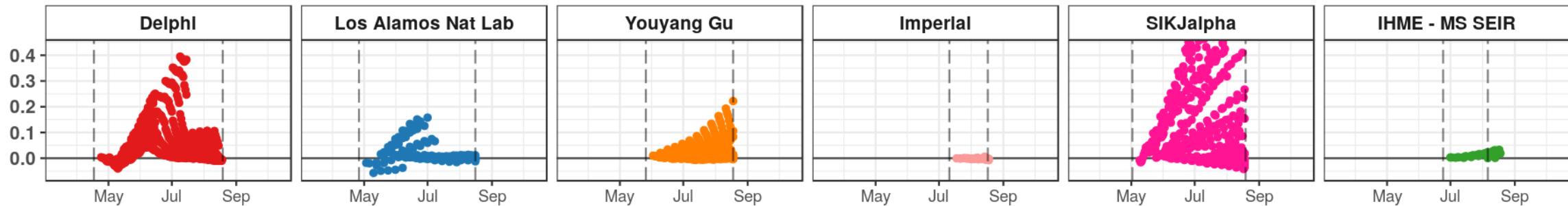
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



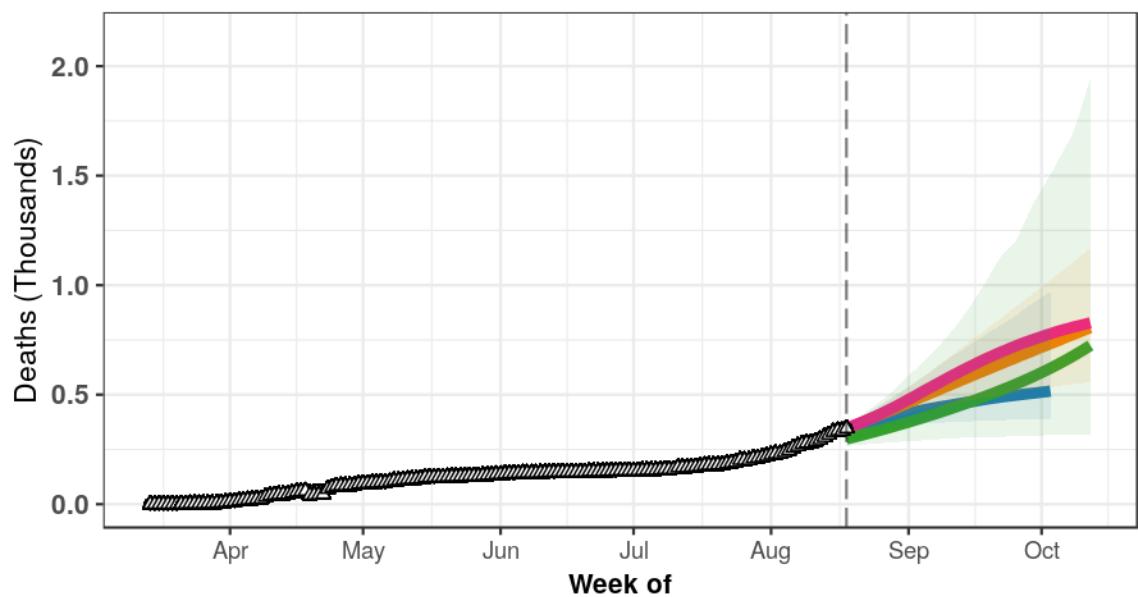
## All Cumulative Errors



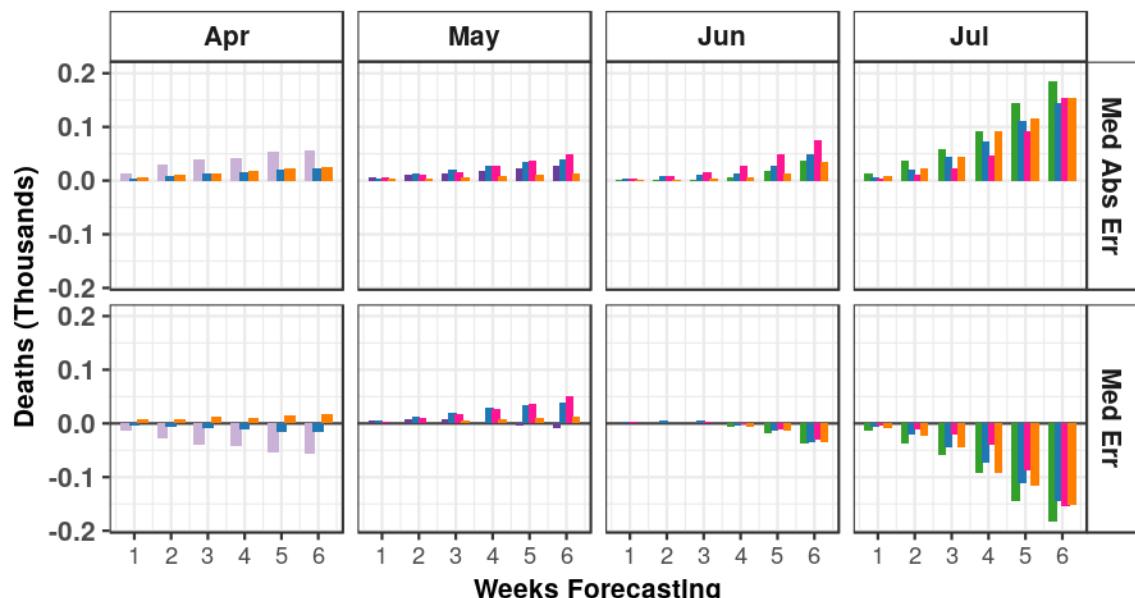
# Puerto Rico

## Current Forecast

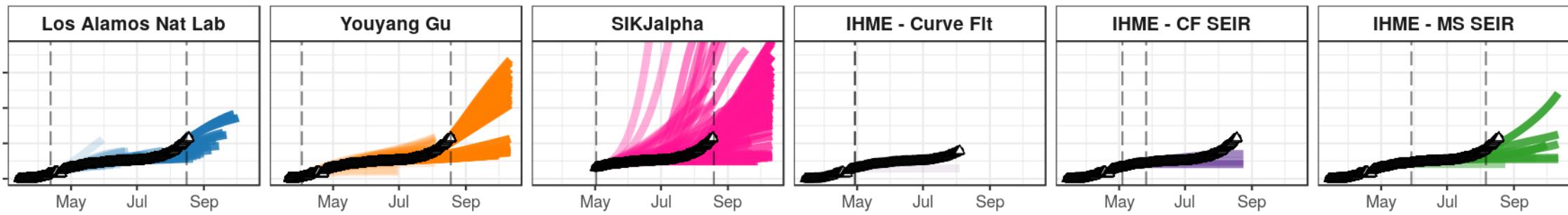
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR



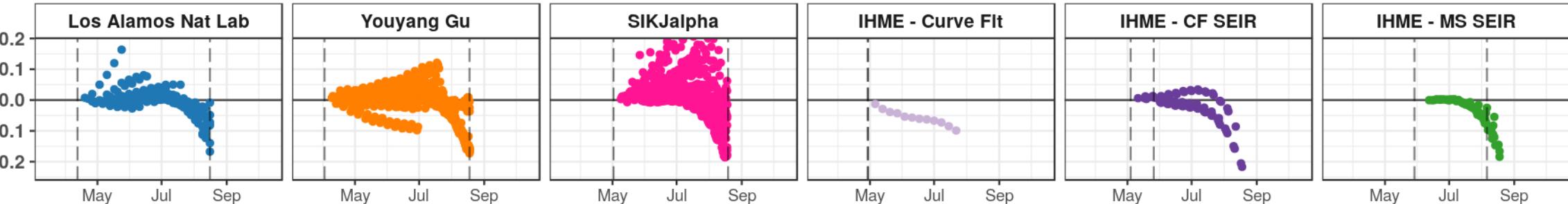
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



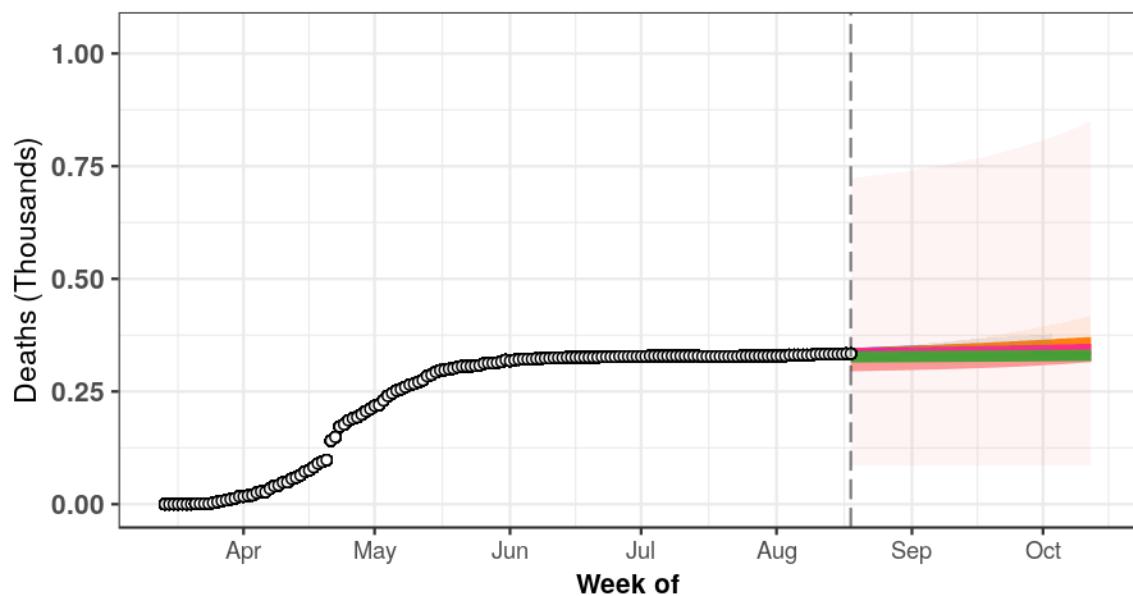
## All Cumulative Errors



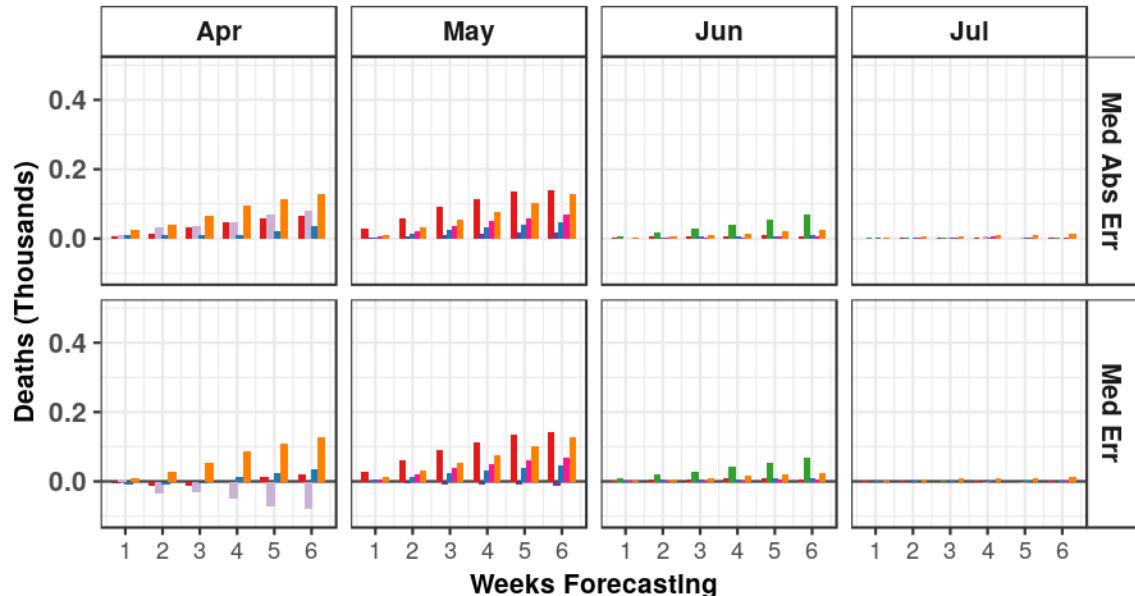
# Finland

## Current Forecast

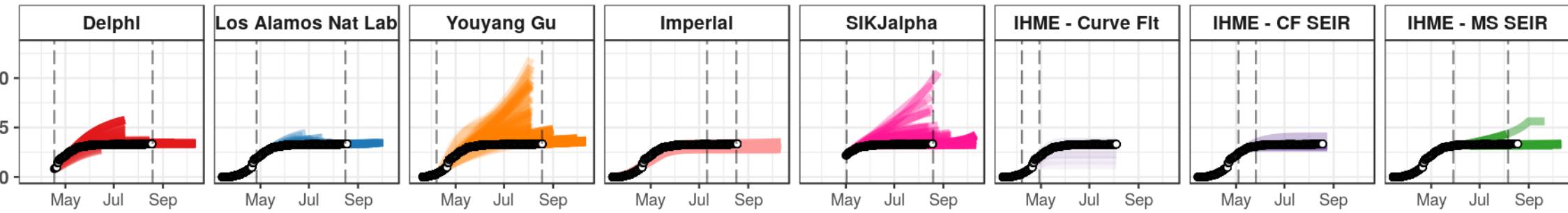
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



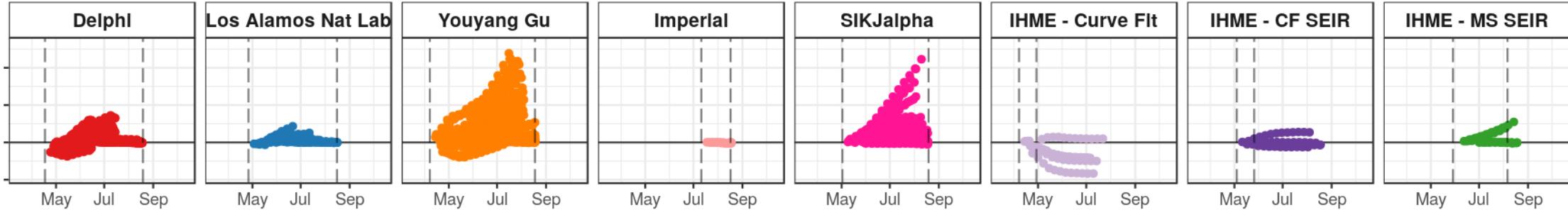
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



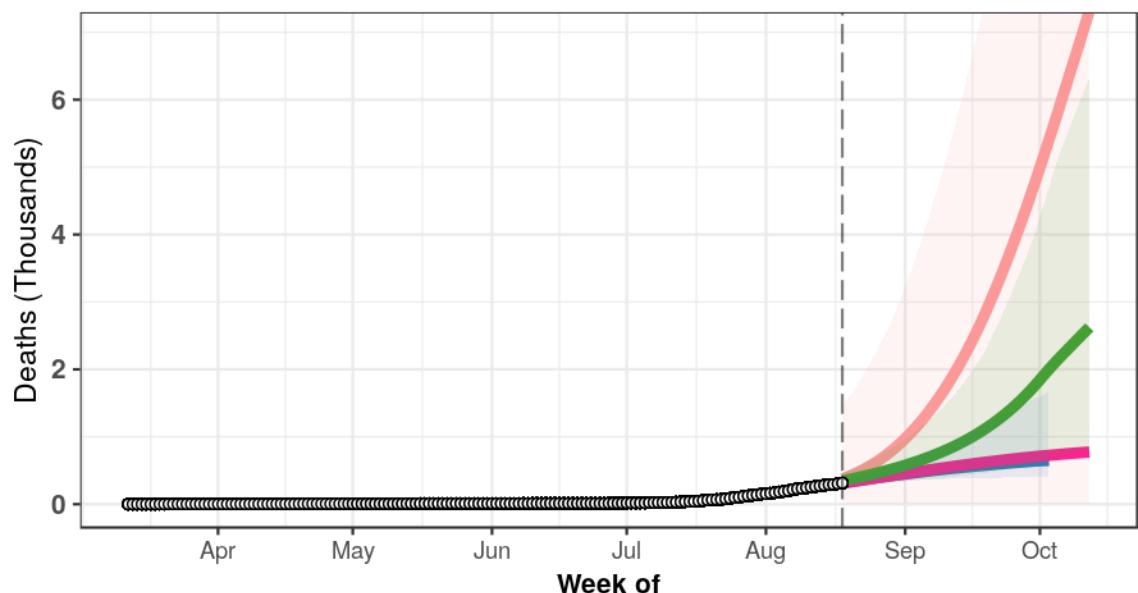
## All Cumulative Errors



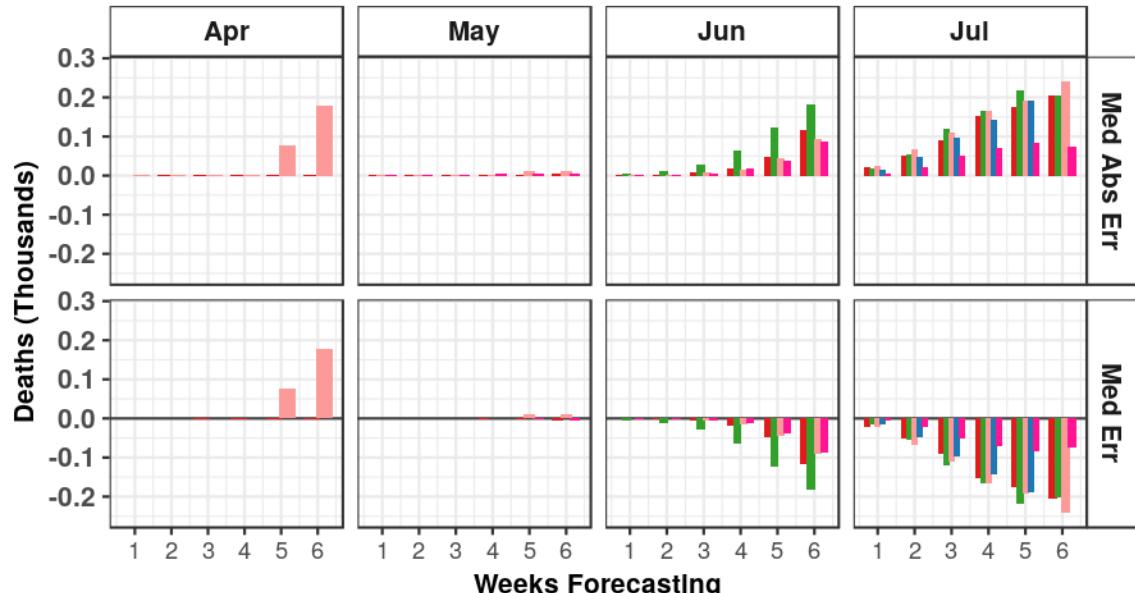
# Costa Rica

## Current Forecast

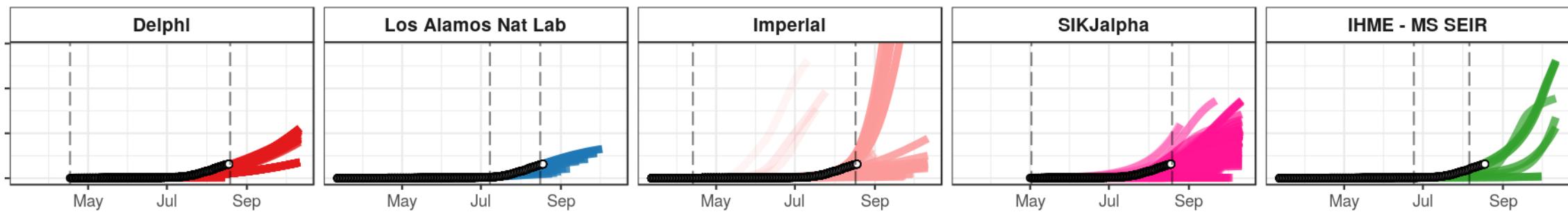
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



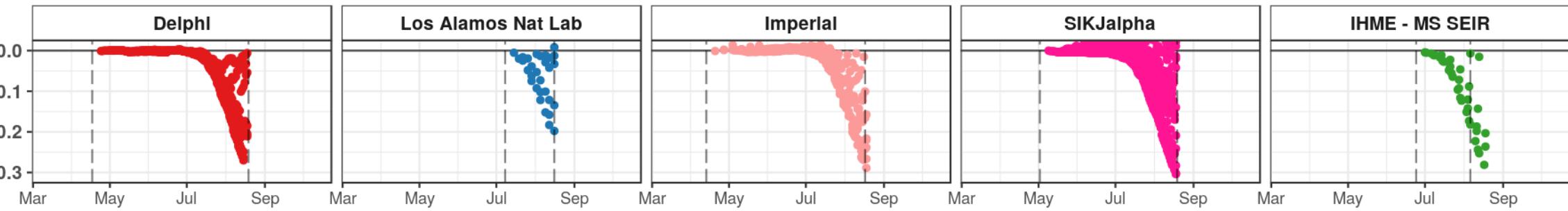
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



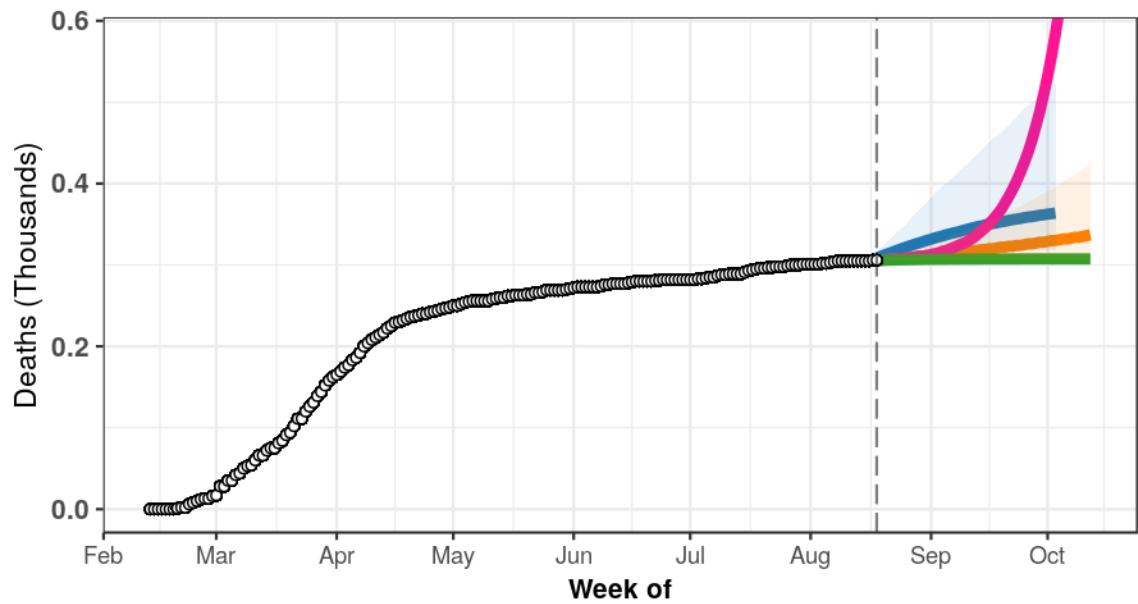
## All Cumulative Errors



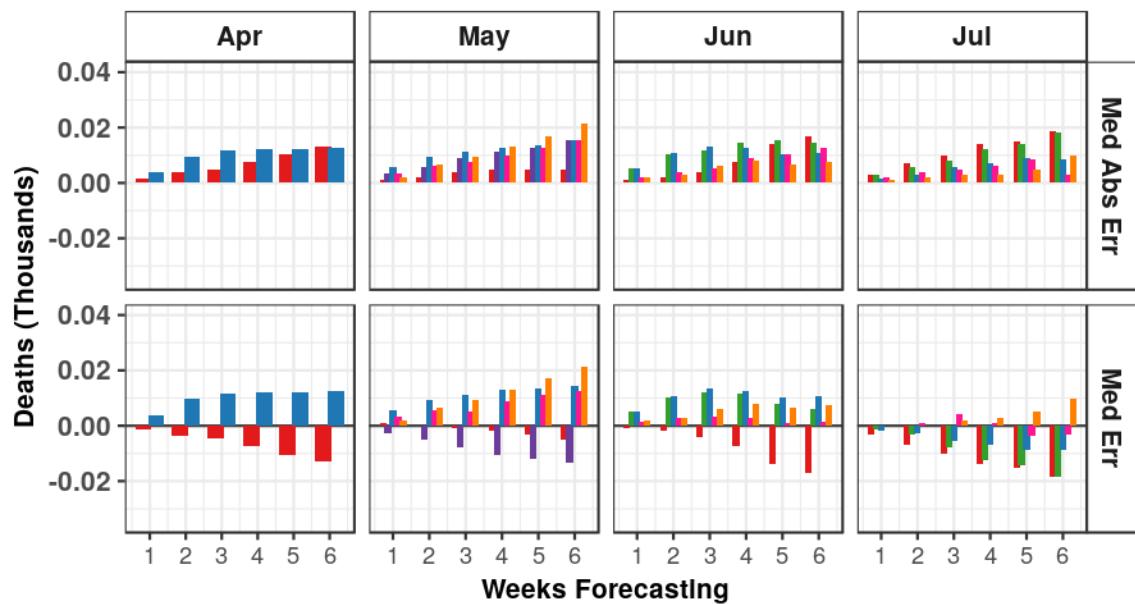
# South Korea

## Current Forecast

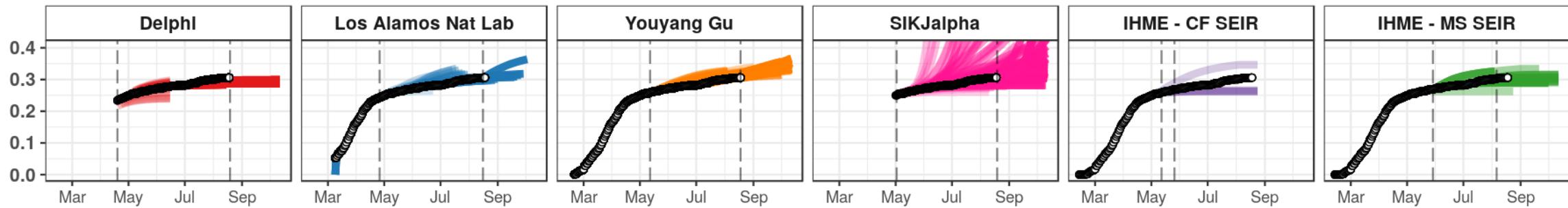
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR



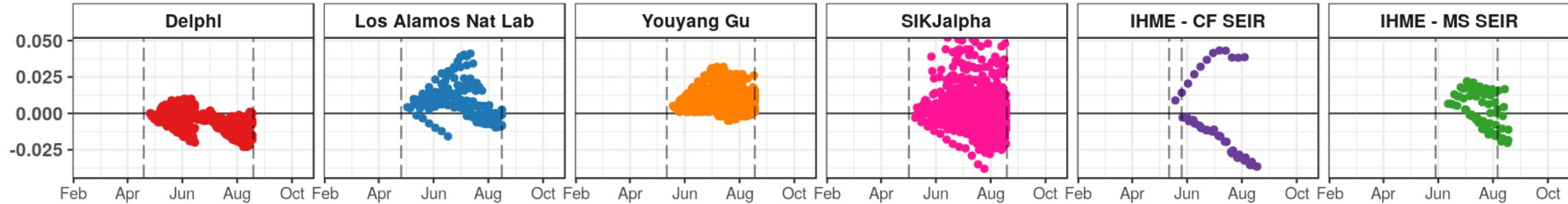
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



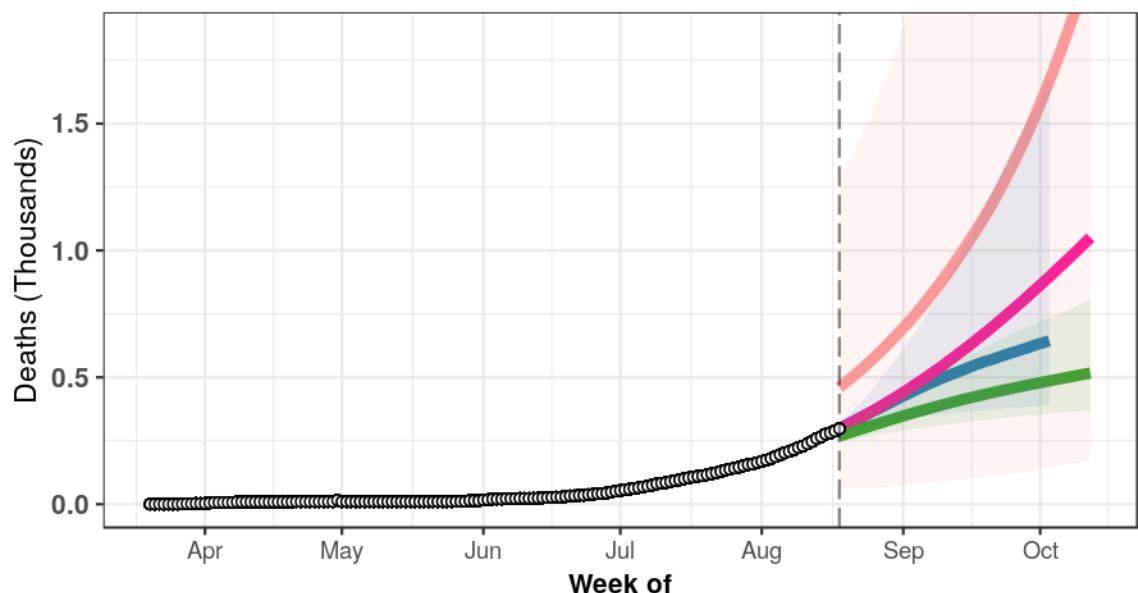
## All Cumulative Errors



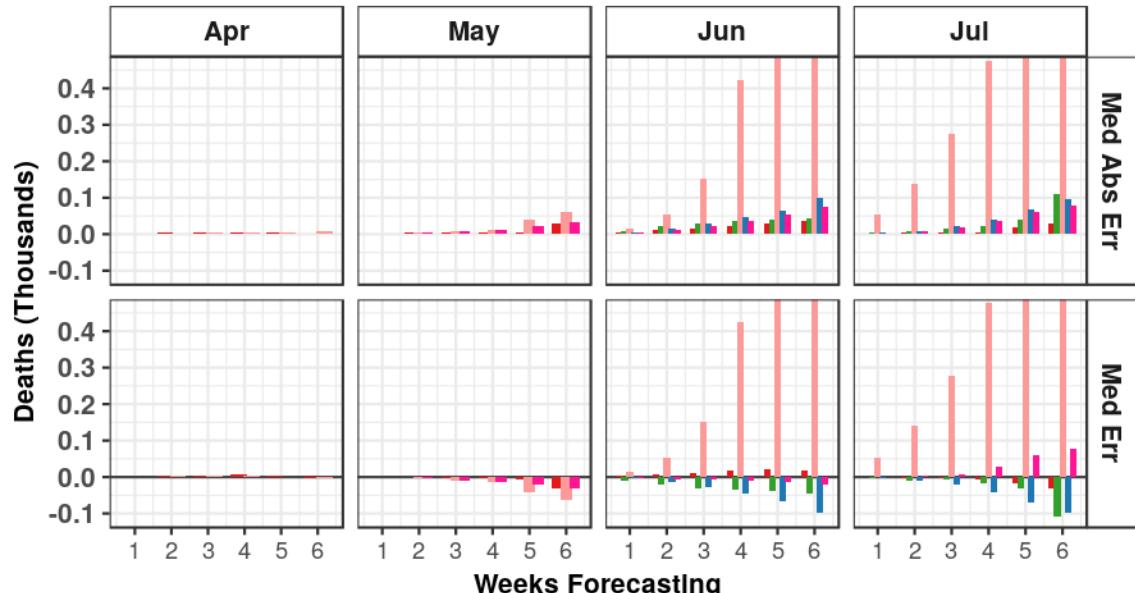
# Venezuela

## Current Forecast

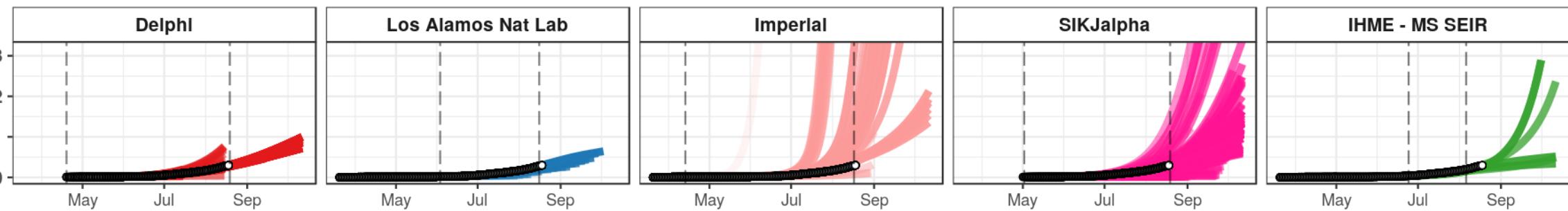
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



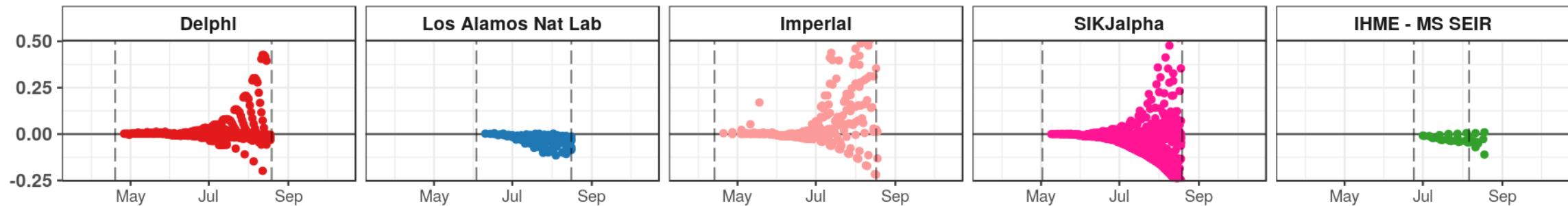
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



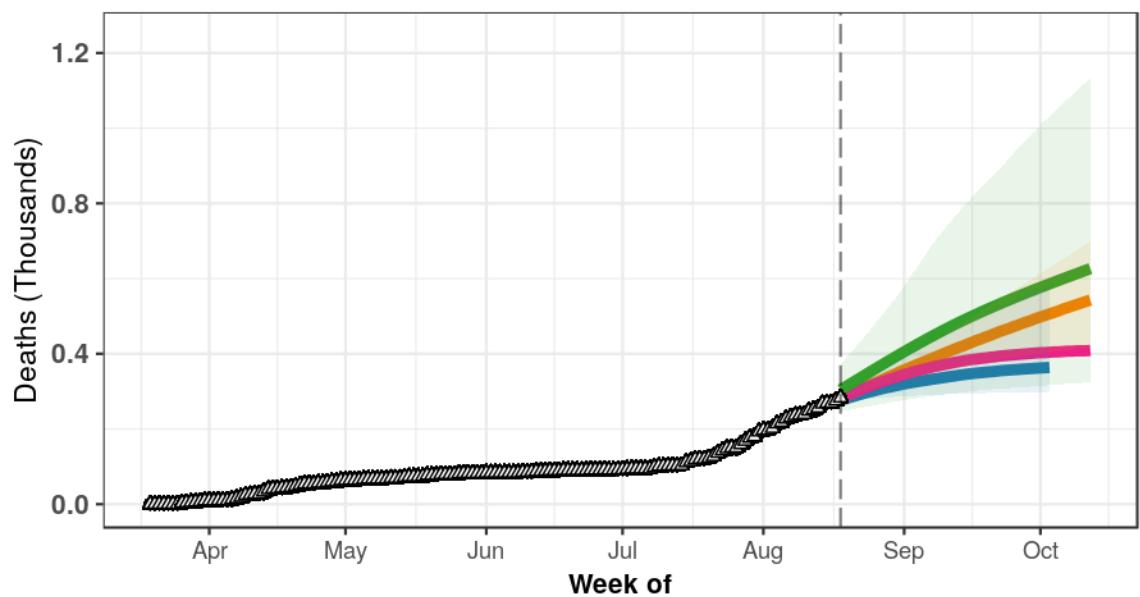
## All Cumulative Errors



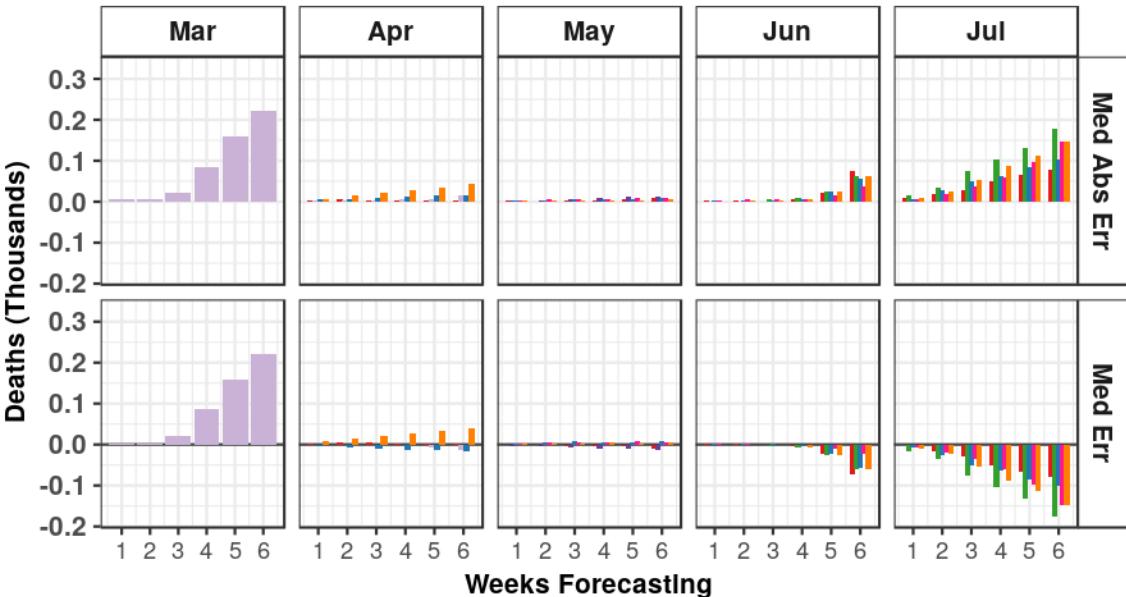
# Idaho

## Current Forecast

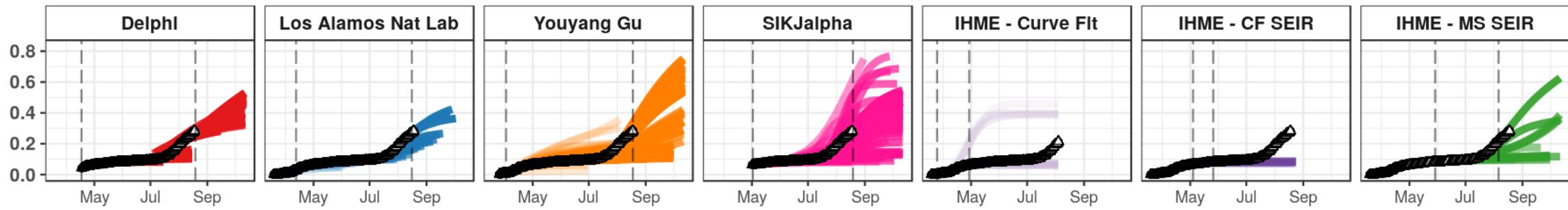
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



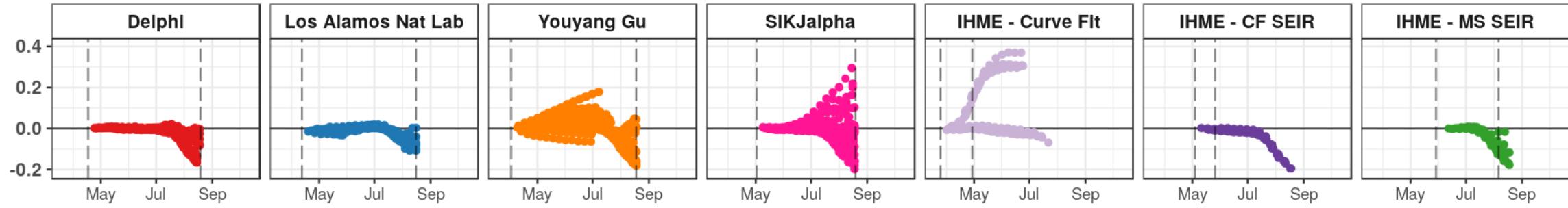
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



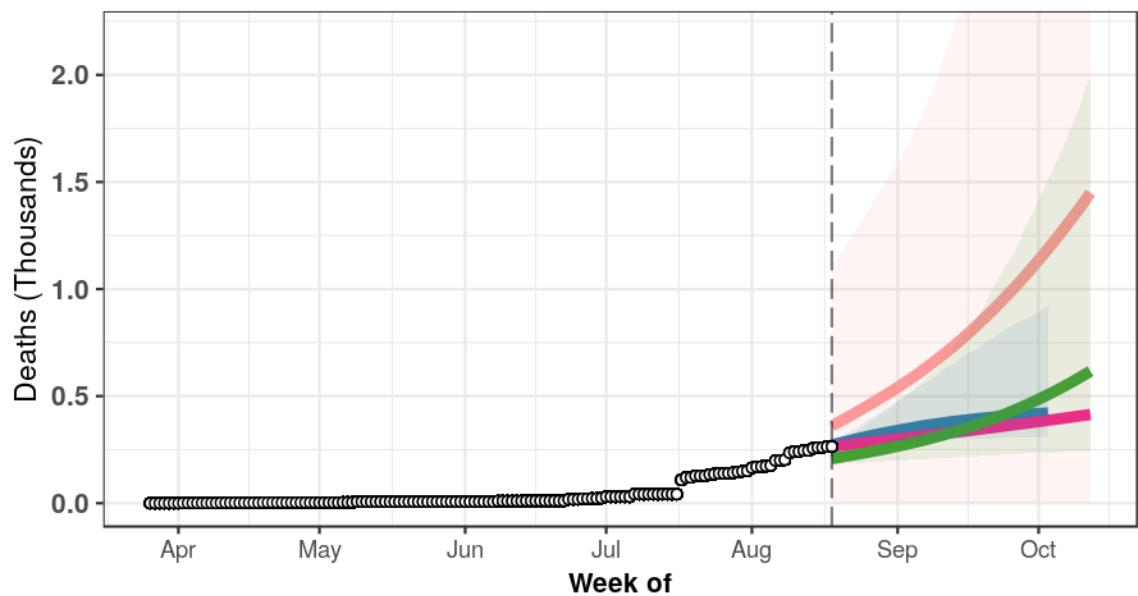
## All Cumulative Errors



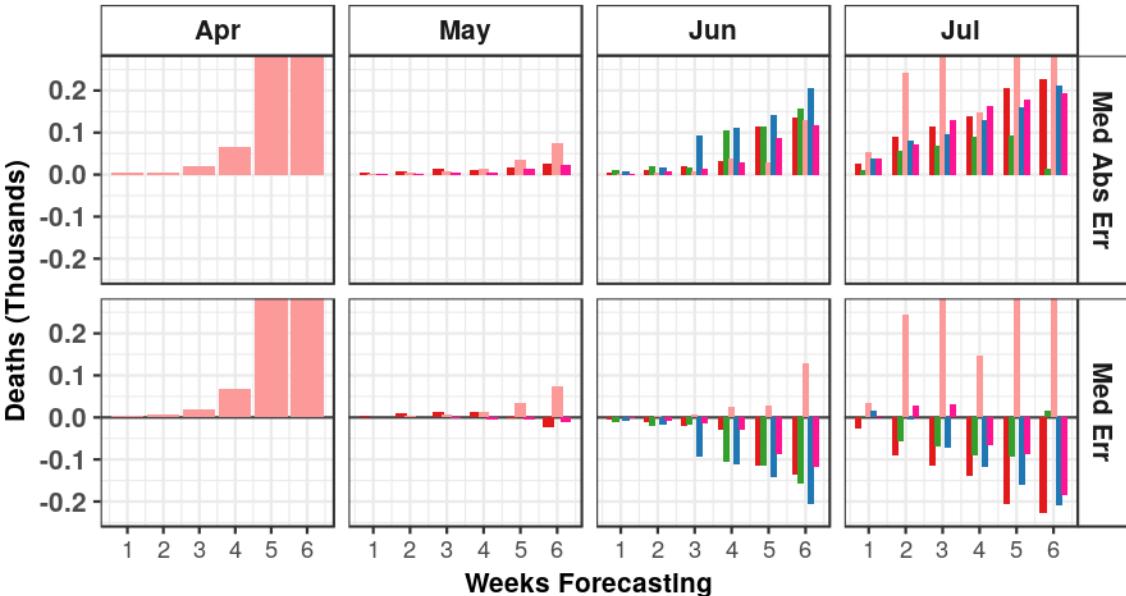
# Zambia

## Current Forecast

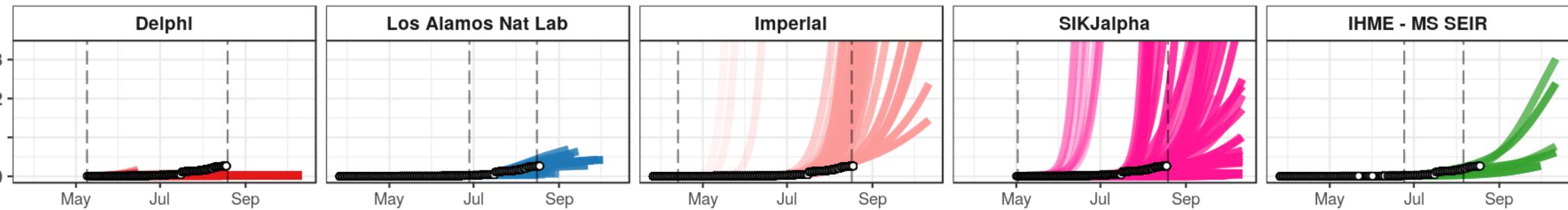
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



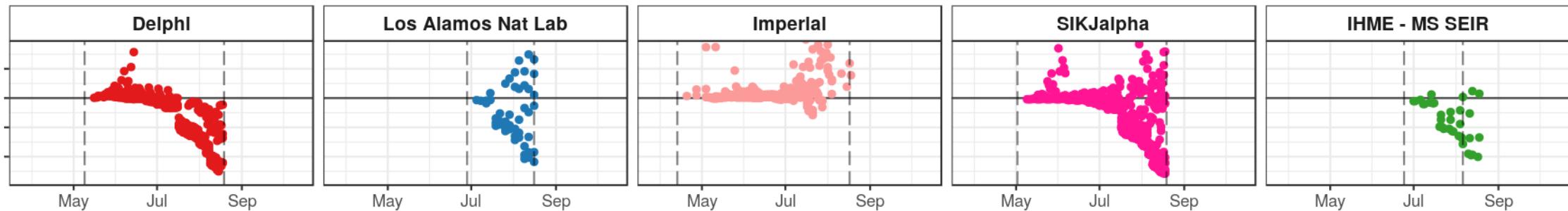
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



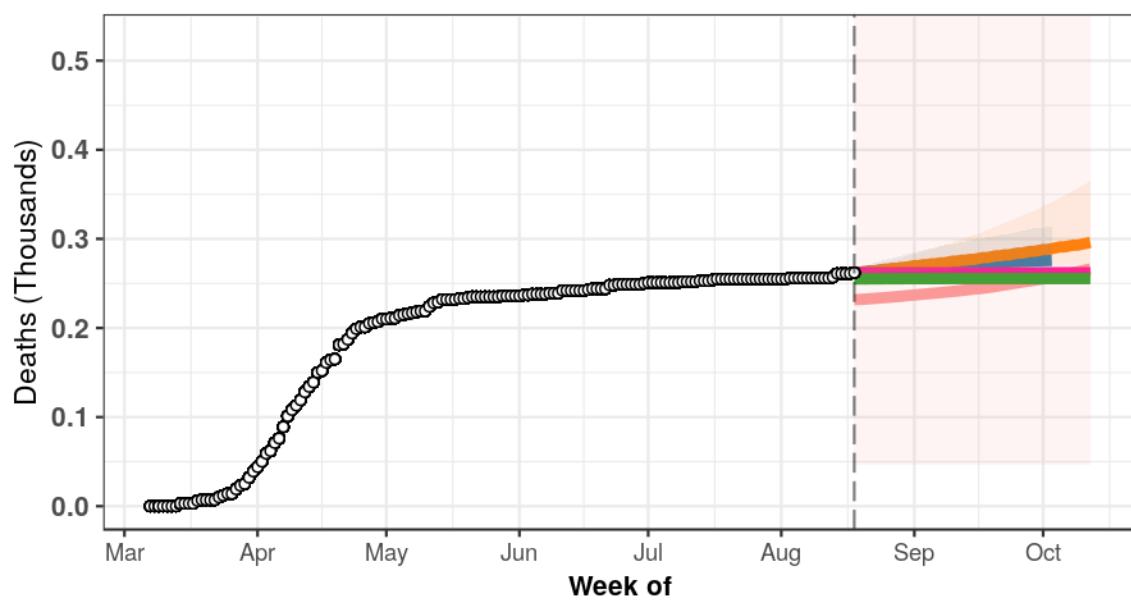
## All Cumulative Errors



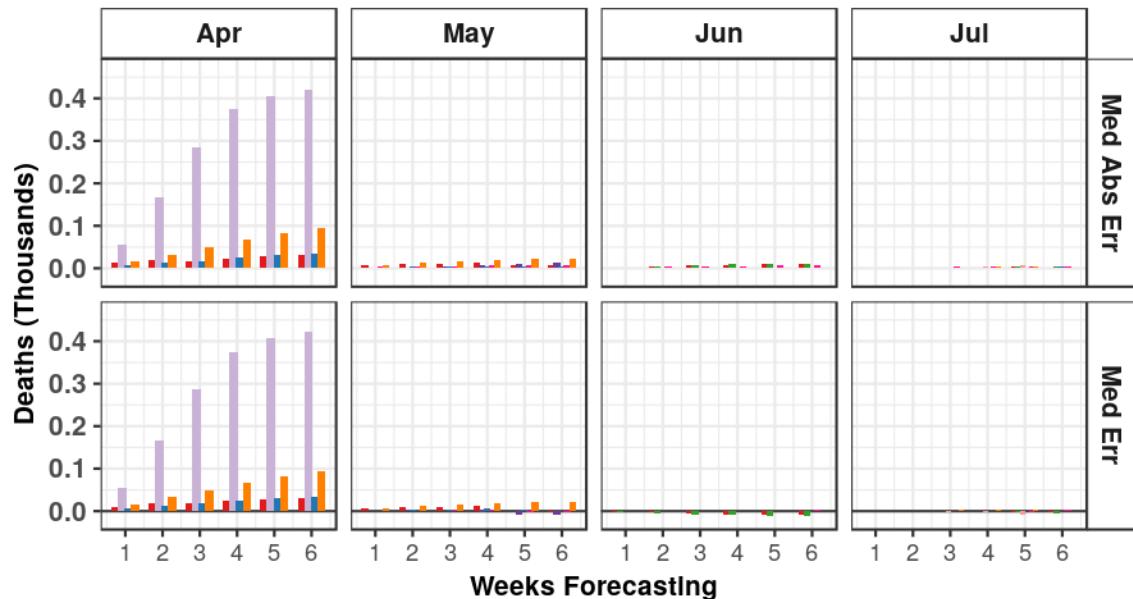
# Norway

## Current Forecast

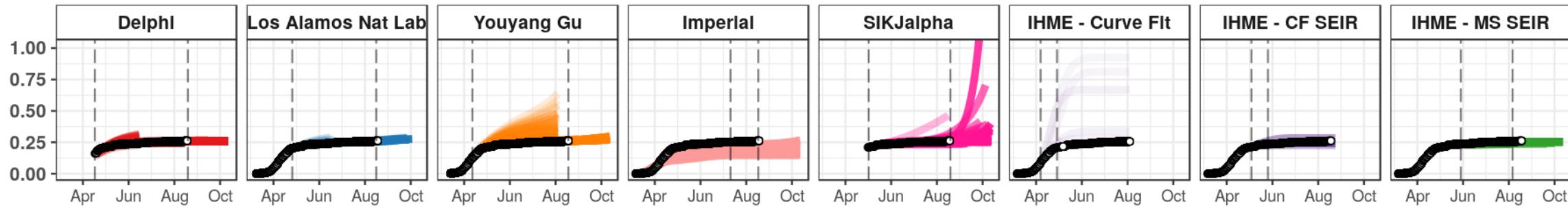
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



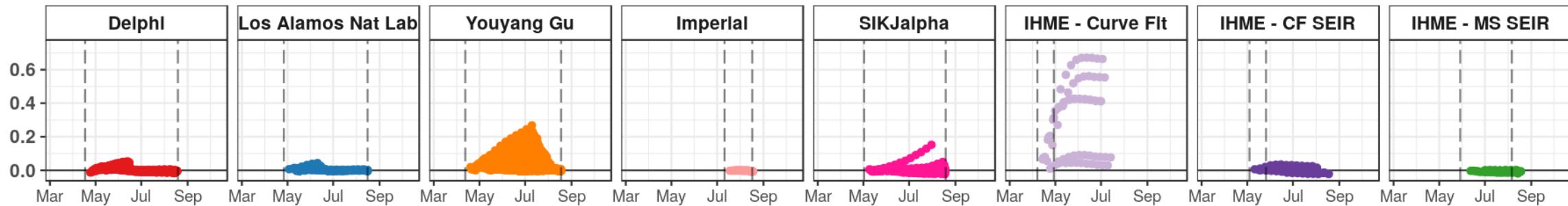
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



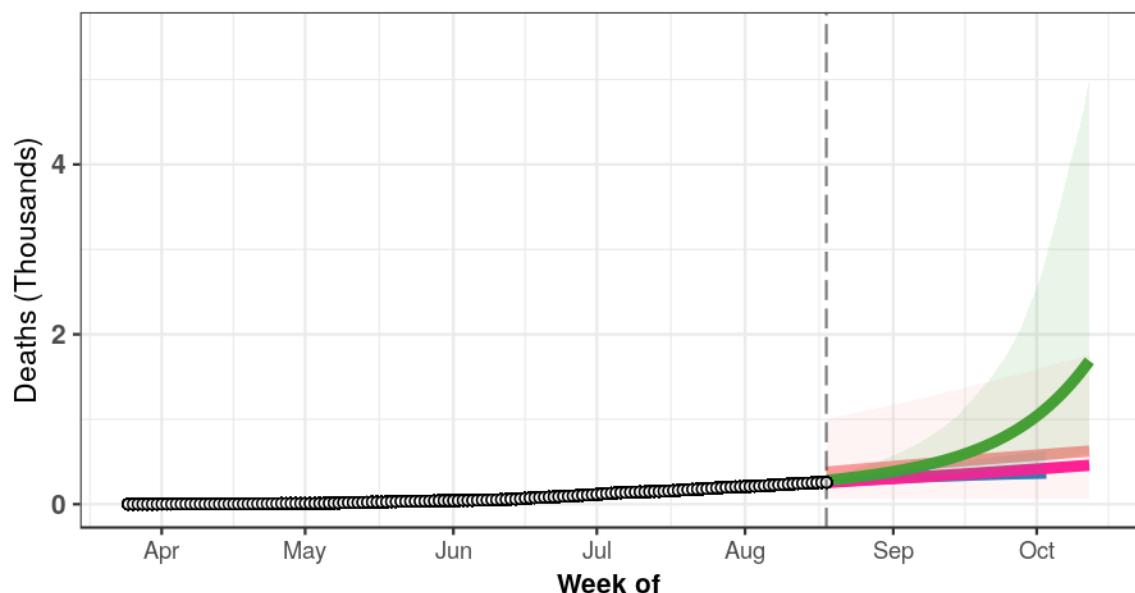
## All Cumulative Errors



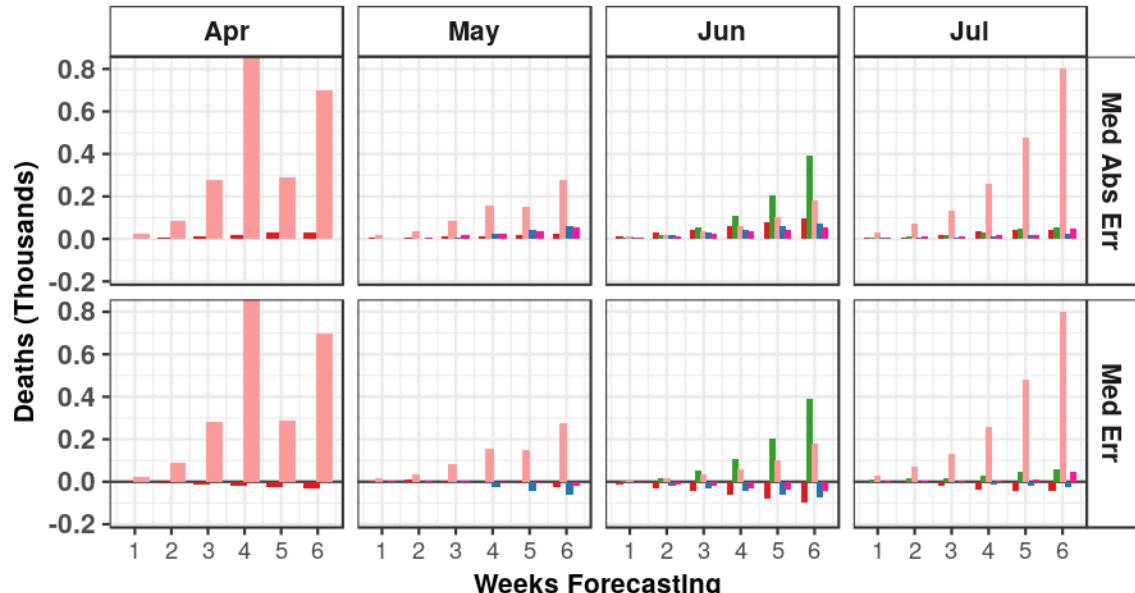
# Senegal

## Current Forecast

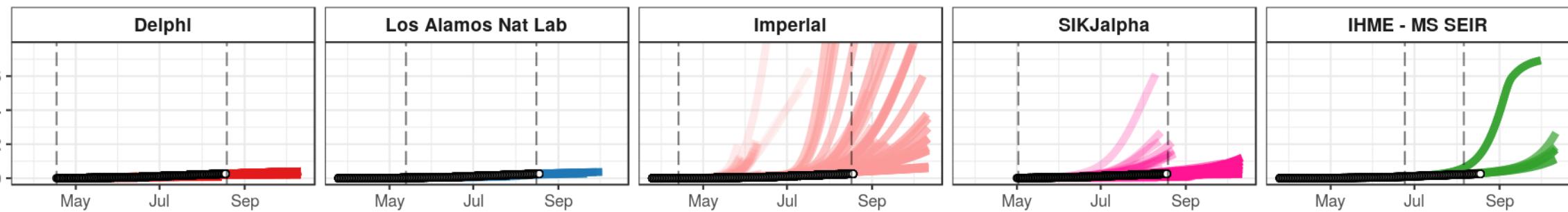
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



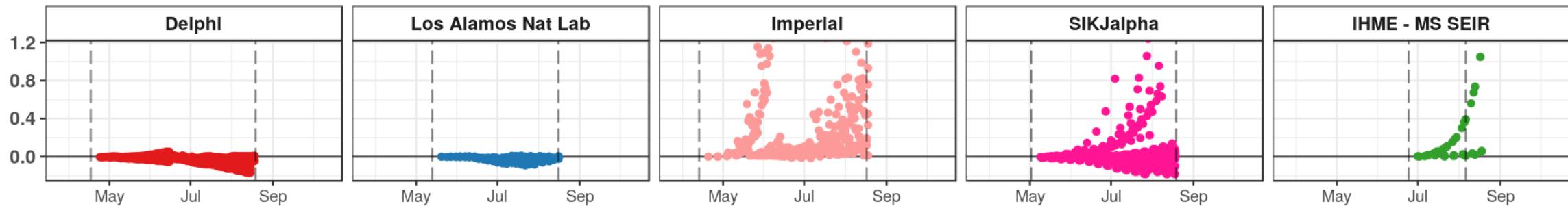
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



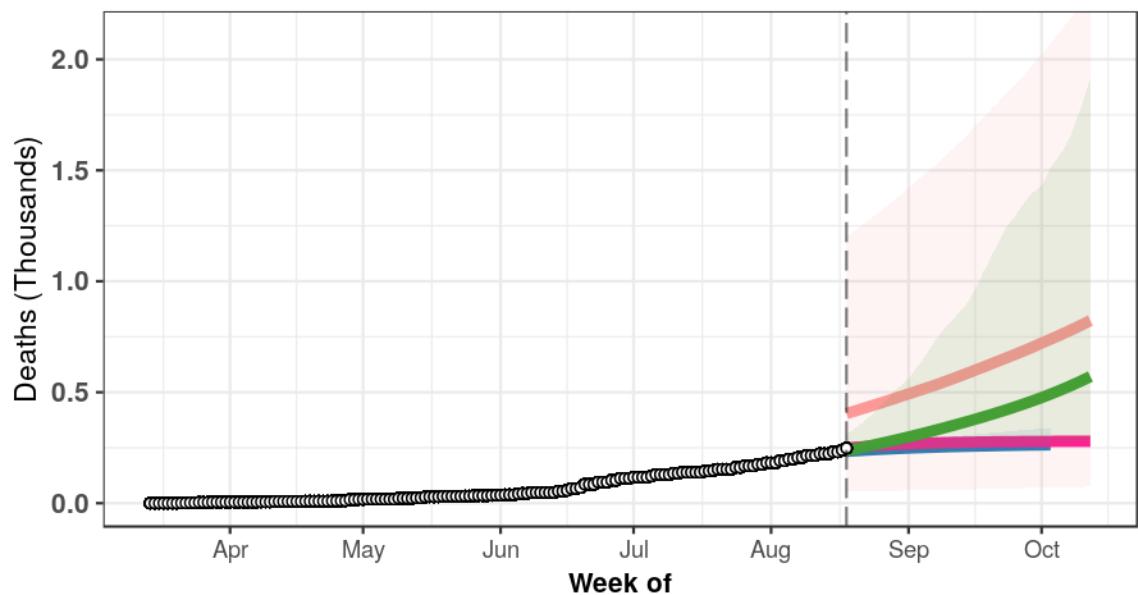
## All Cumulative Errors



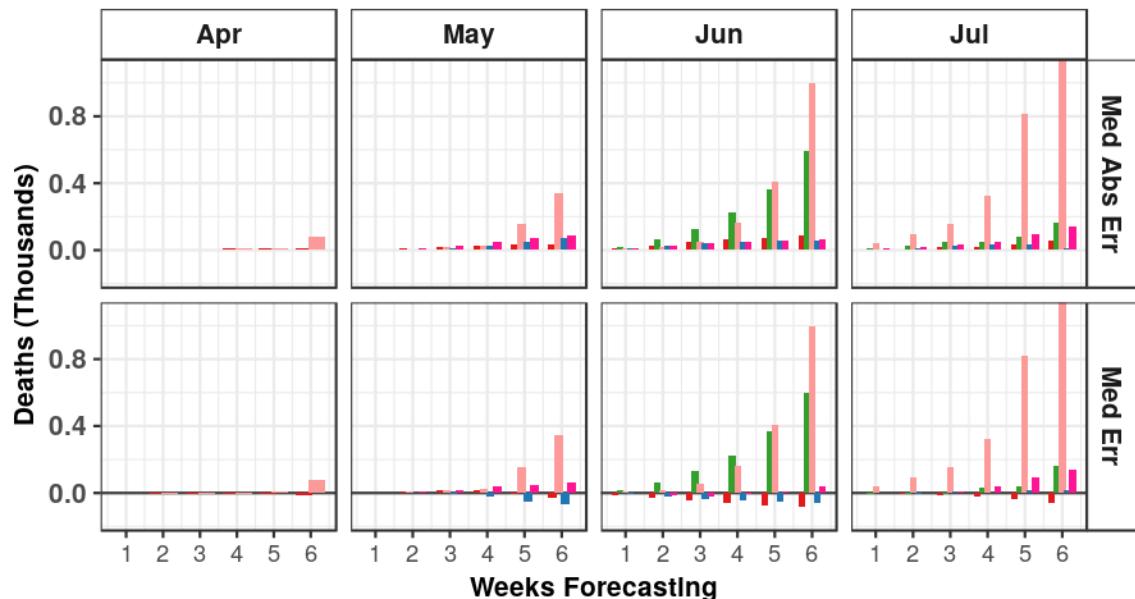
# Ghana

## Current Forecast

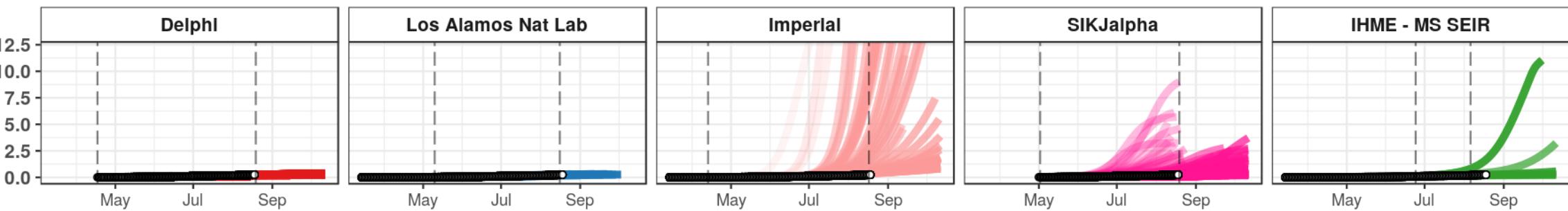
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



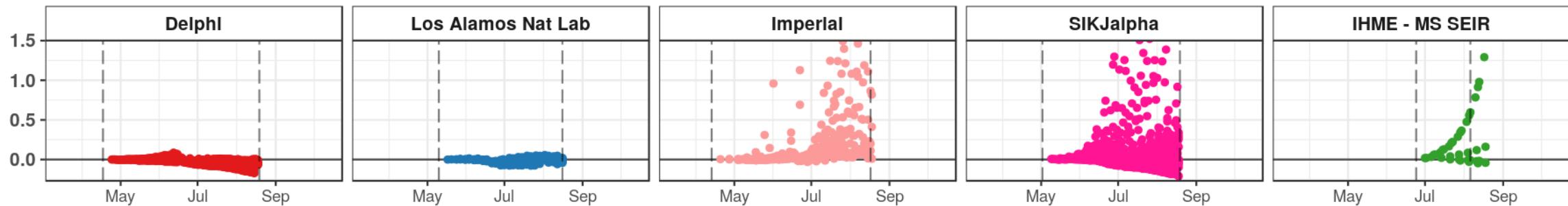
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



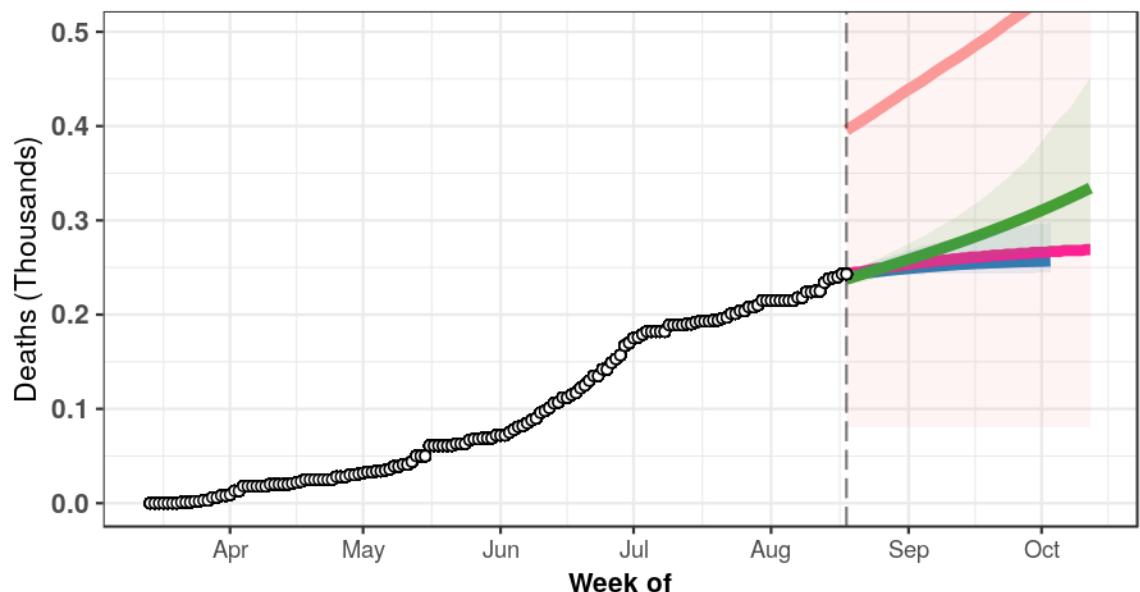
## All Cumulative Errors



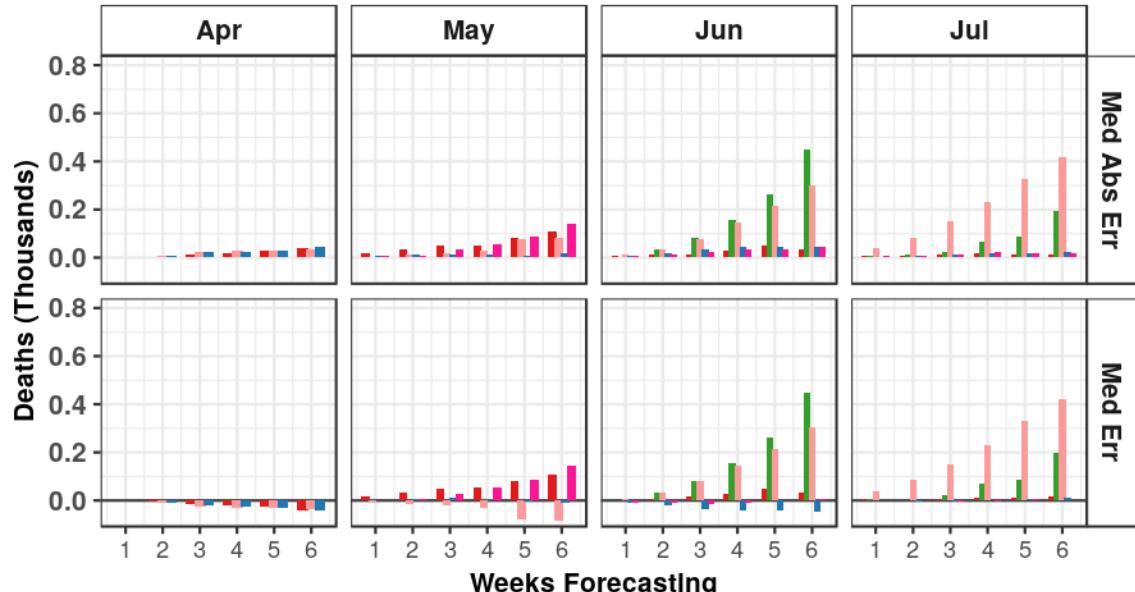
# Democratic Republic of the Congo

## Current Forecast

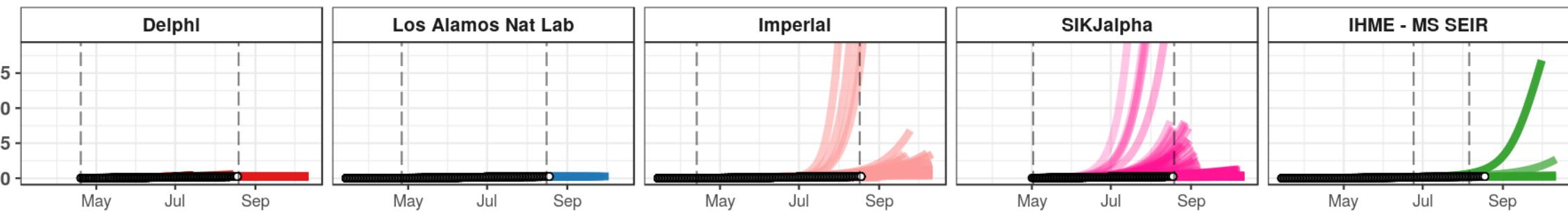
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



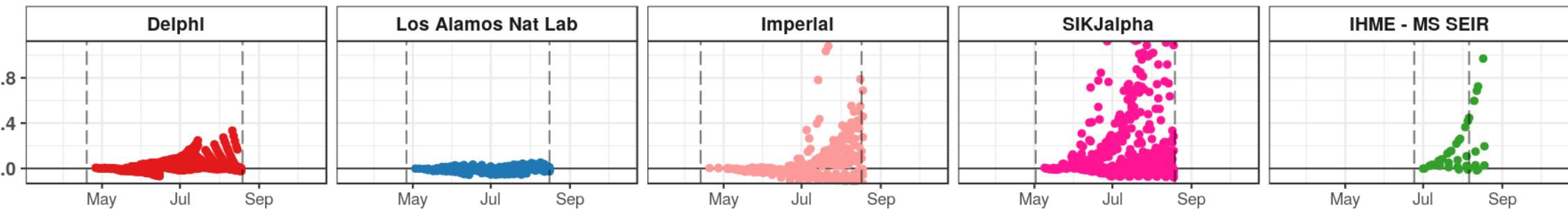
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



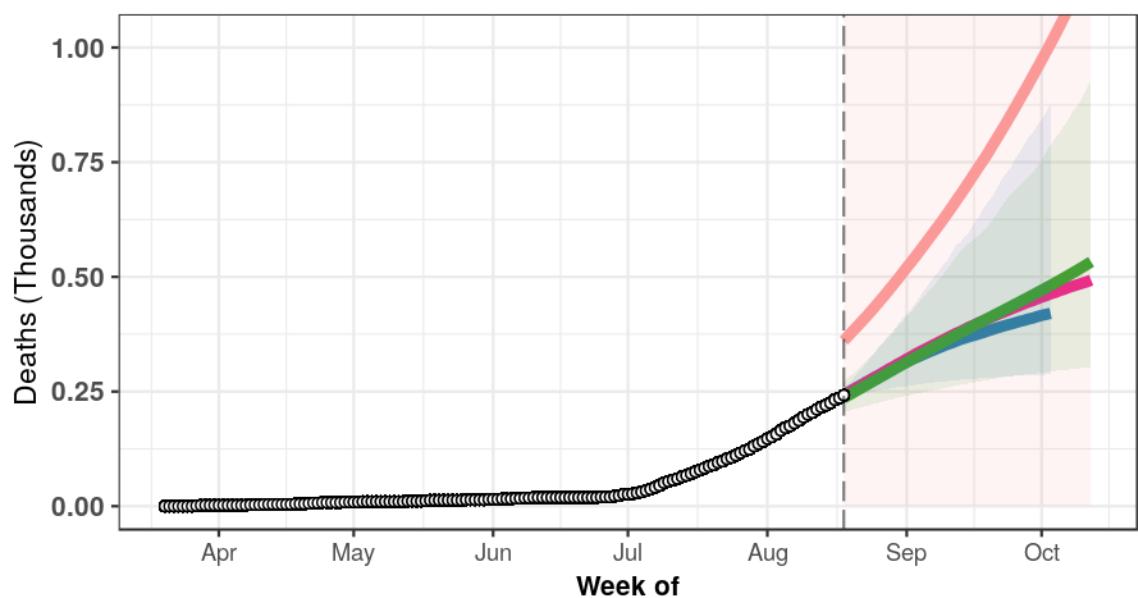
## All Cumulative Errors



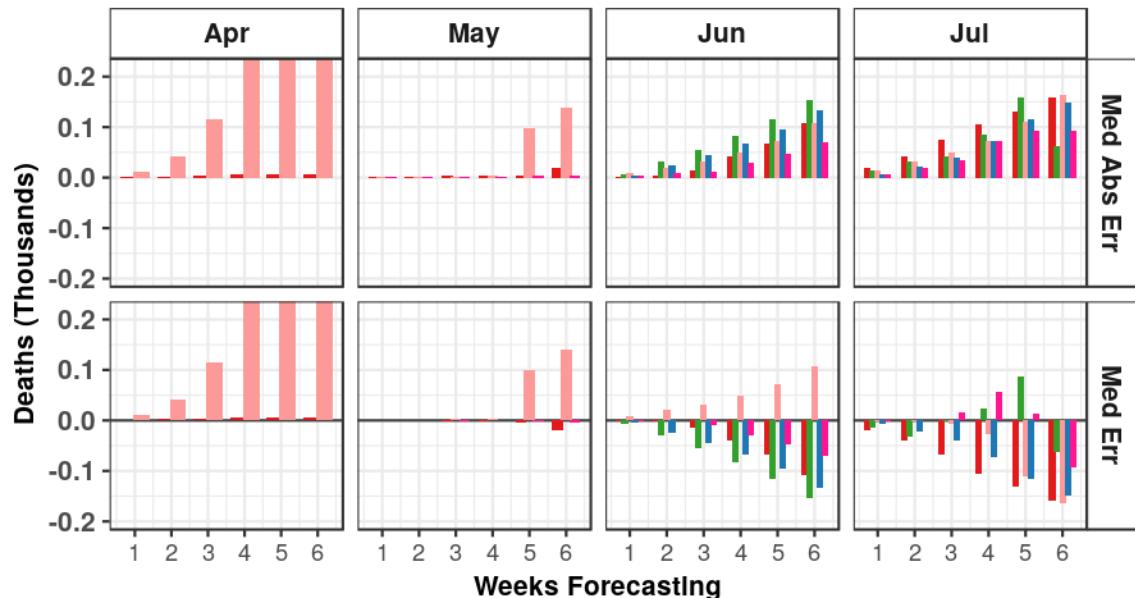
# Uzbekistan

## Current Forecast

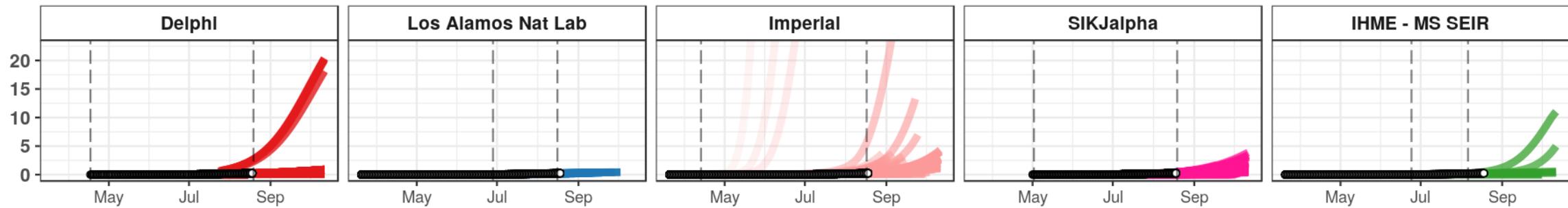
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



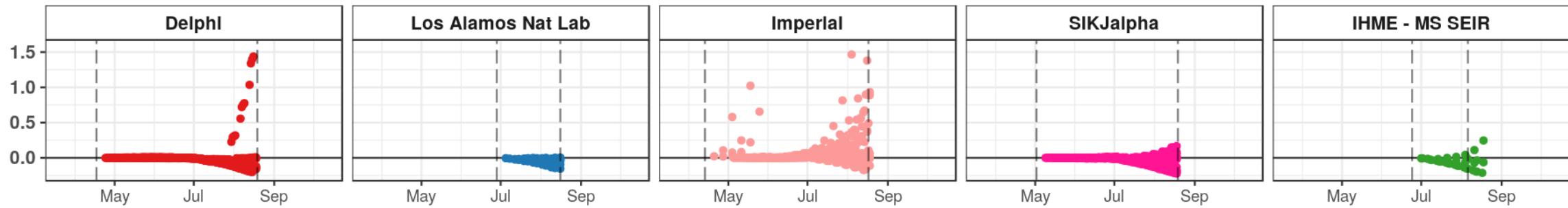
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



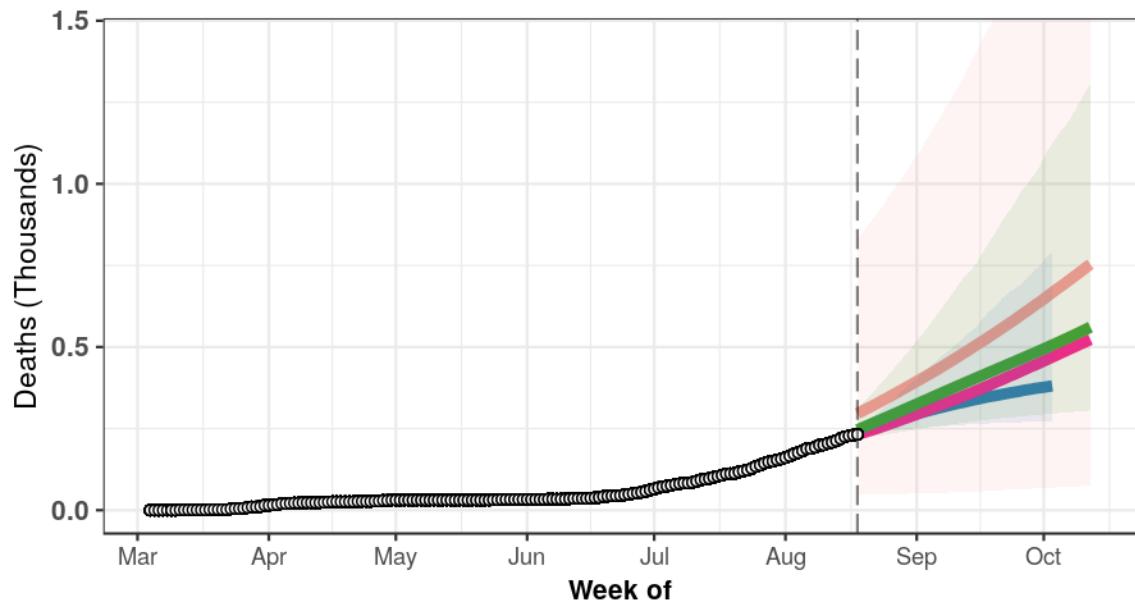
## All Cumulative Errors



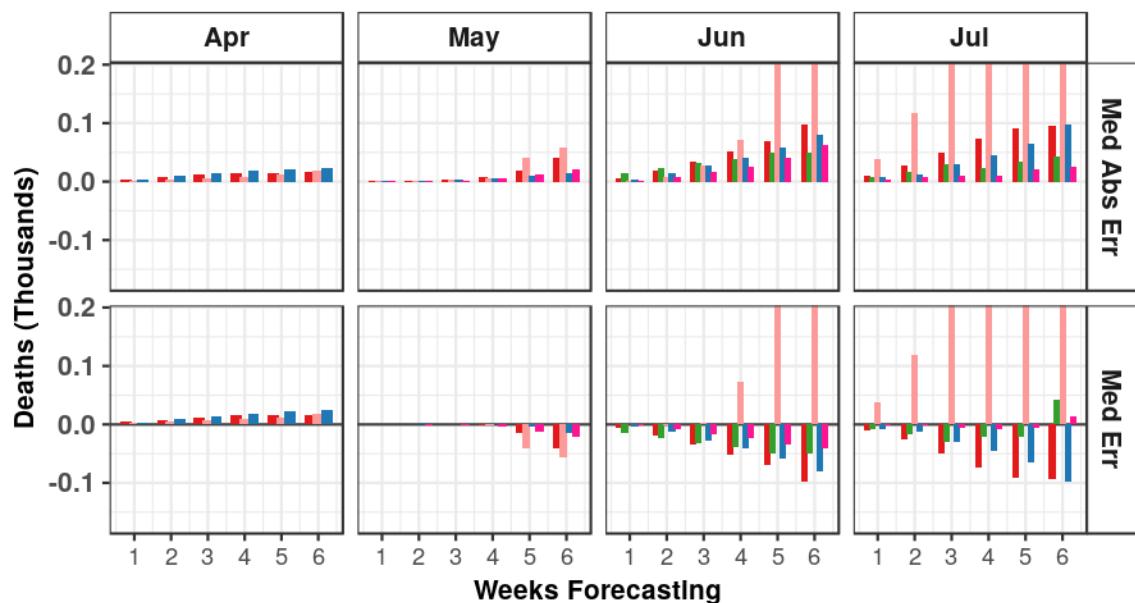
# Albania

## Current Forecast

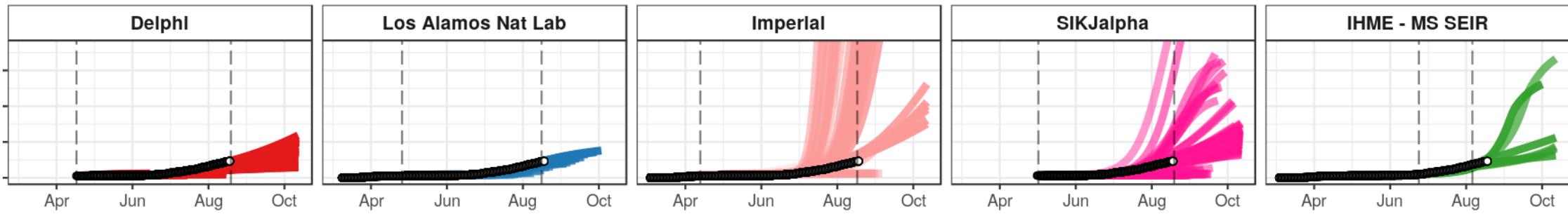
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



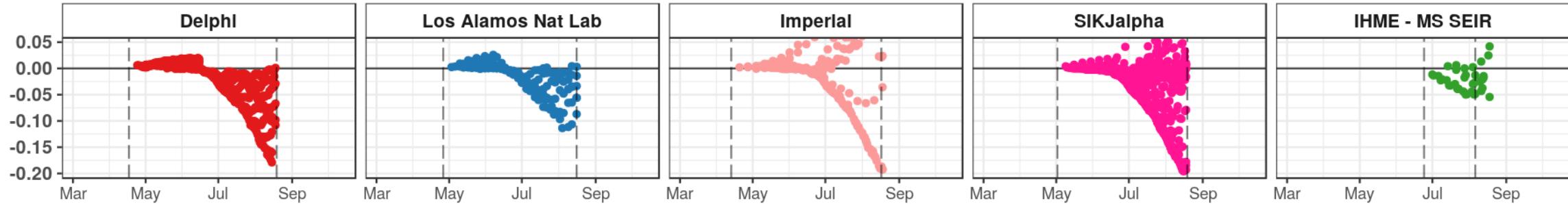
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



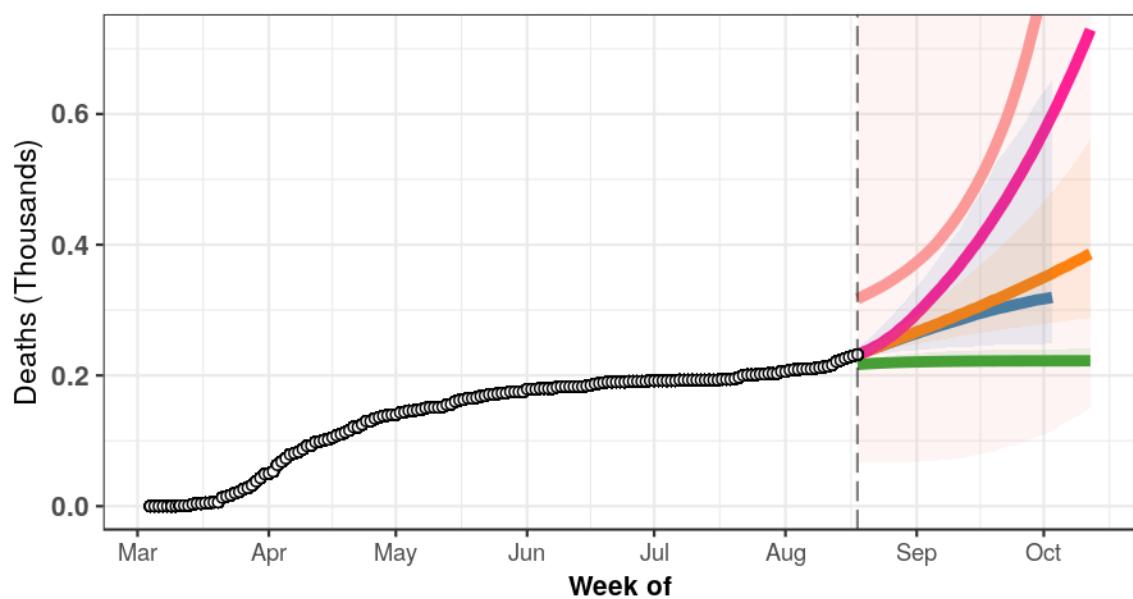
## All Cumulative Errors



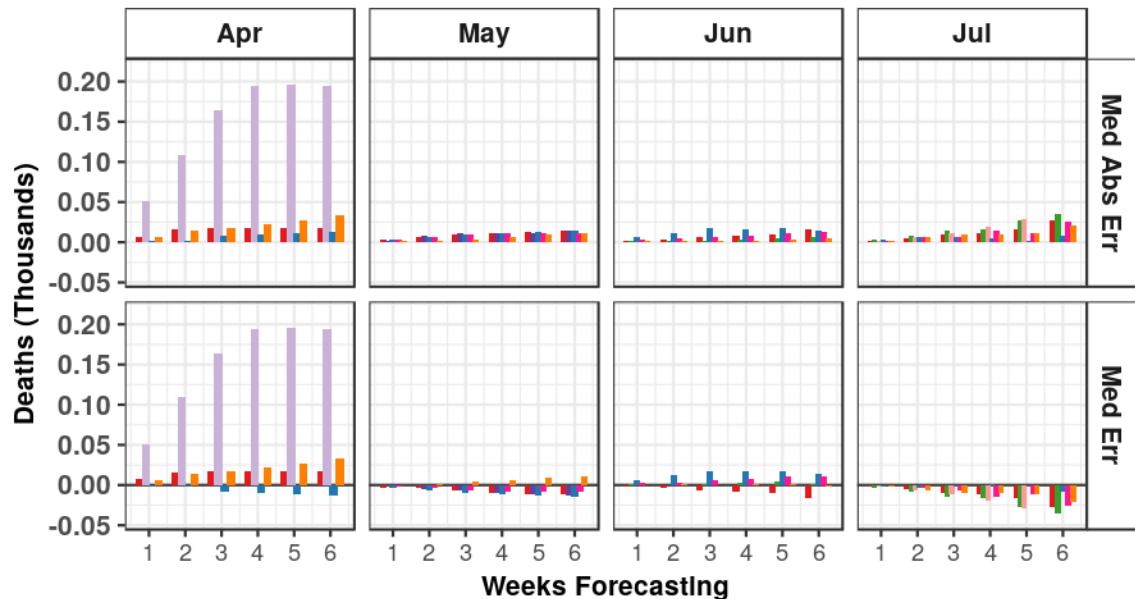
# Greece

## Current Forecast

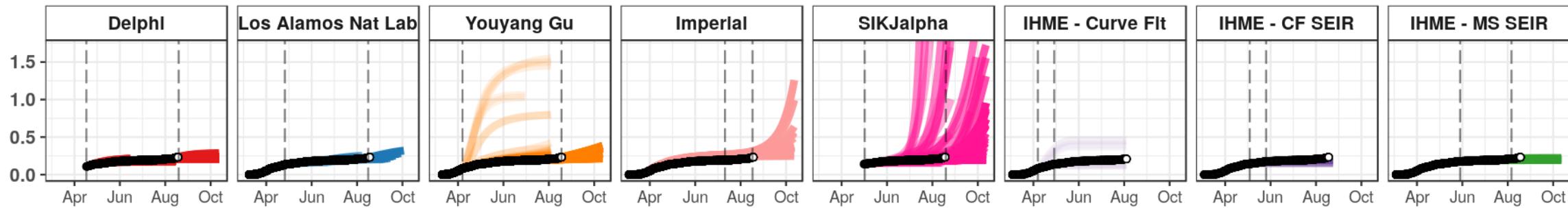
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



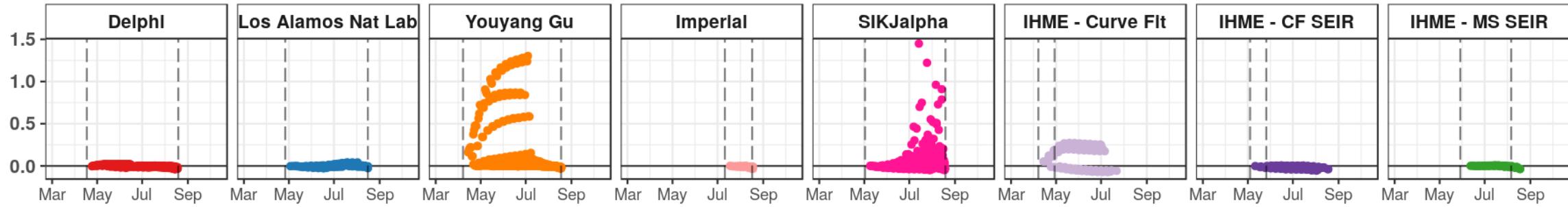
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



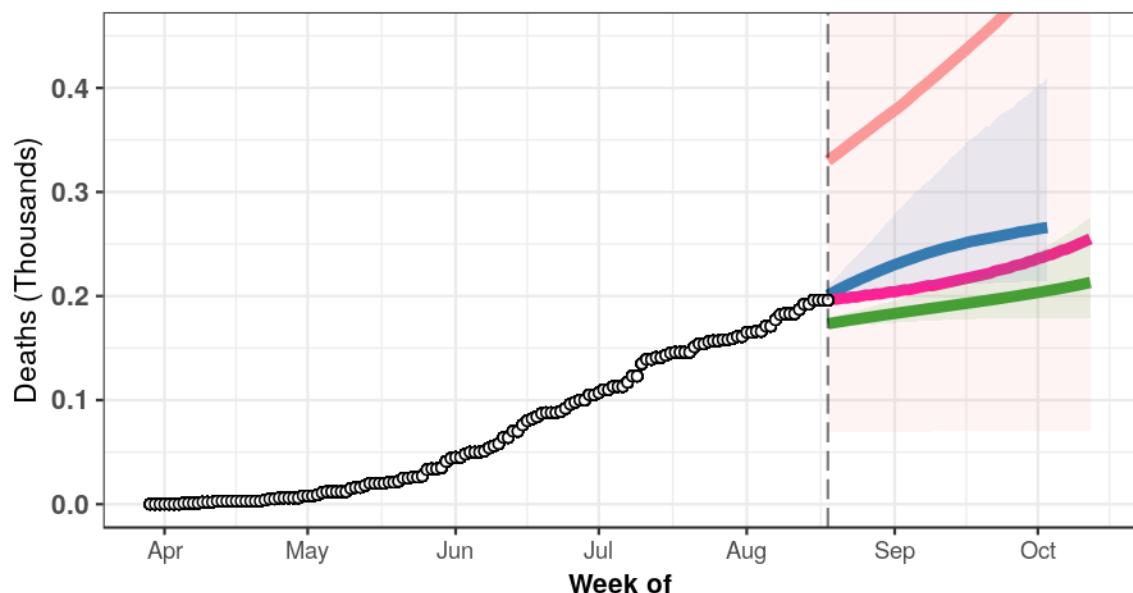
## All Cumulative Errors



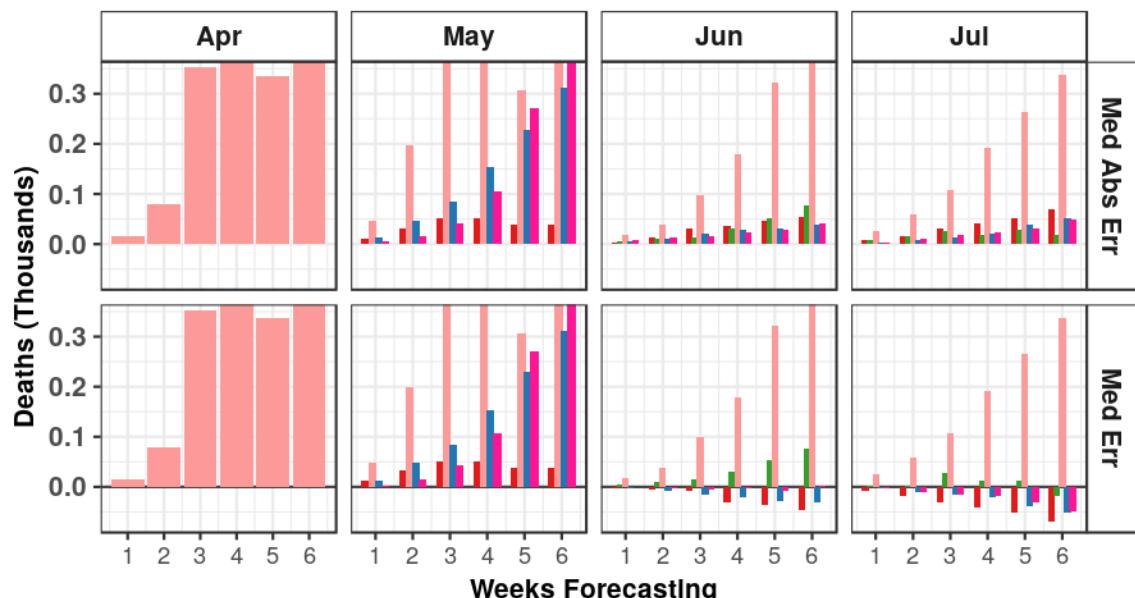
# Haiti

## Current Forecast

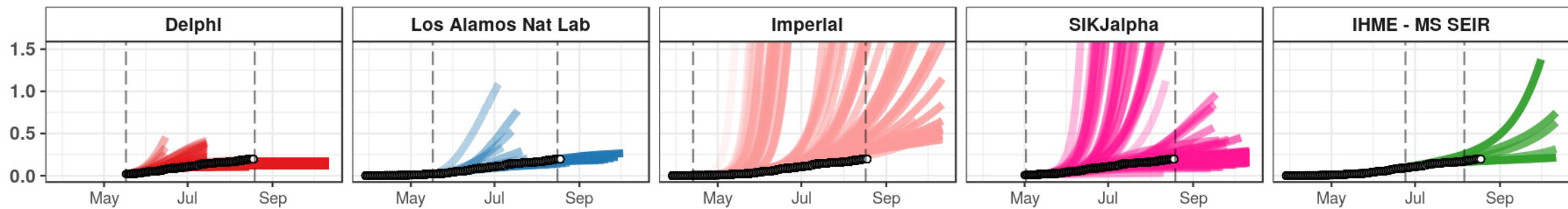
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



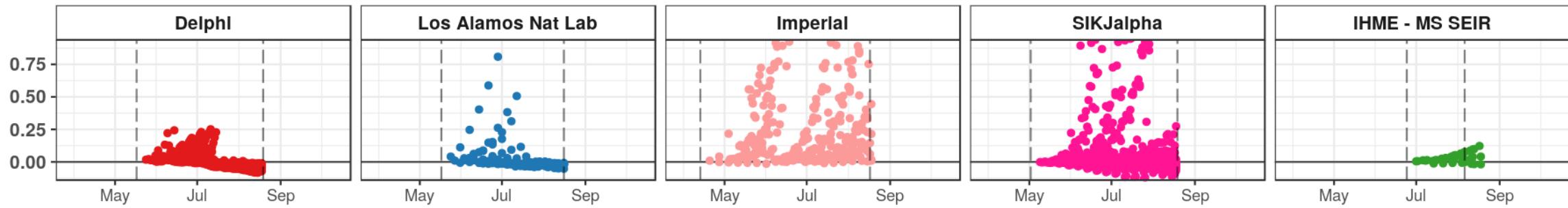
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



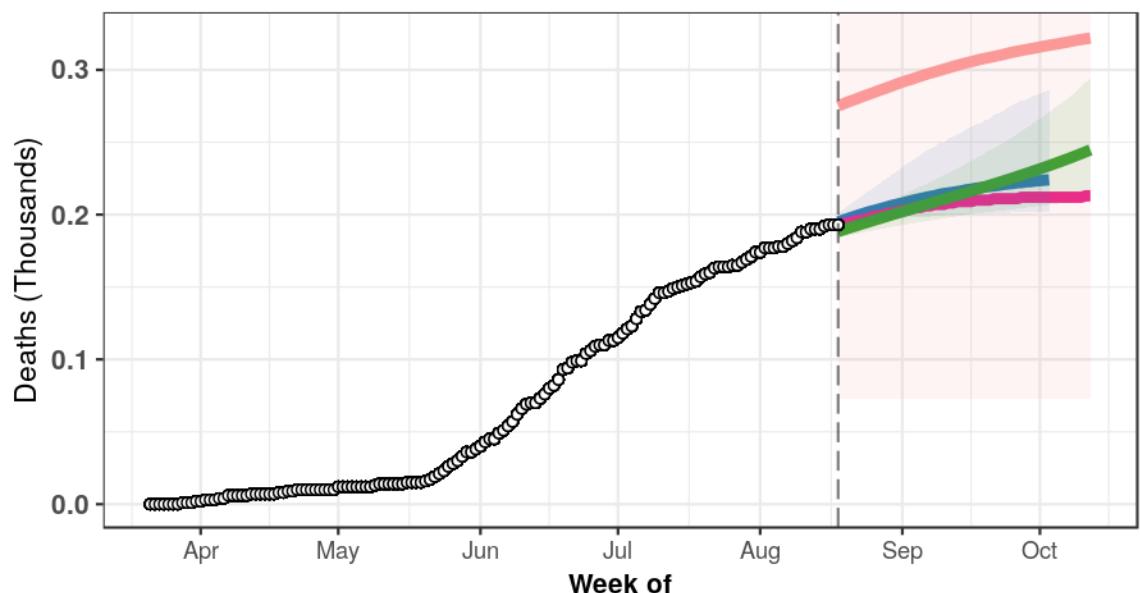
## All Cumulative Errors



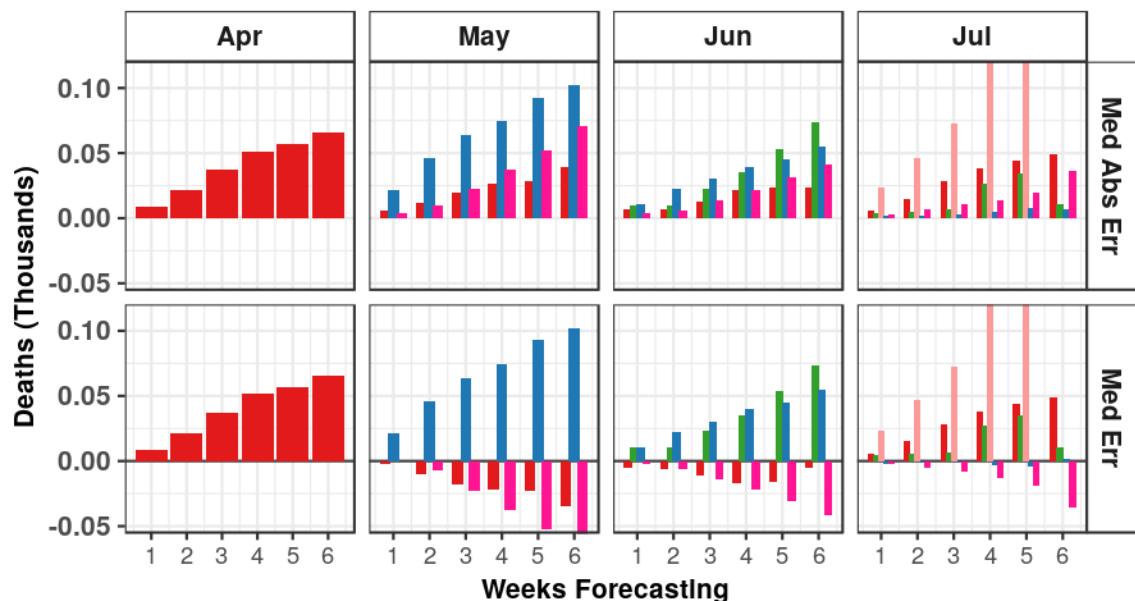
# Qatar

## Current Forecast

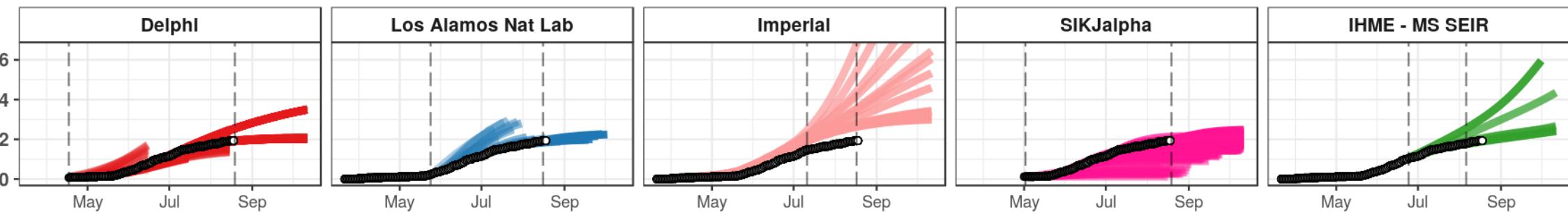
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



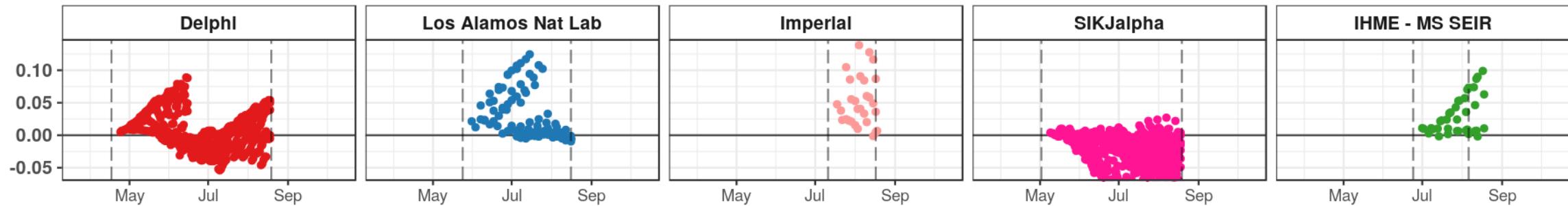
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



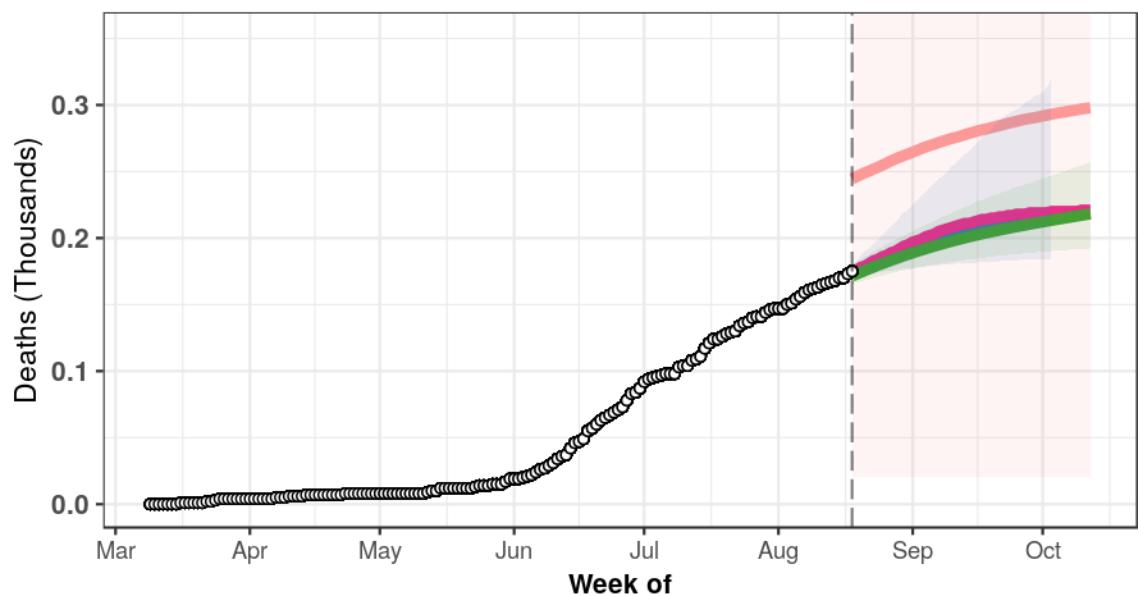
## All Cumulative Errors



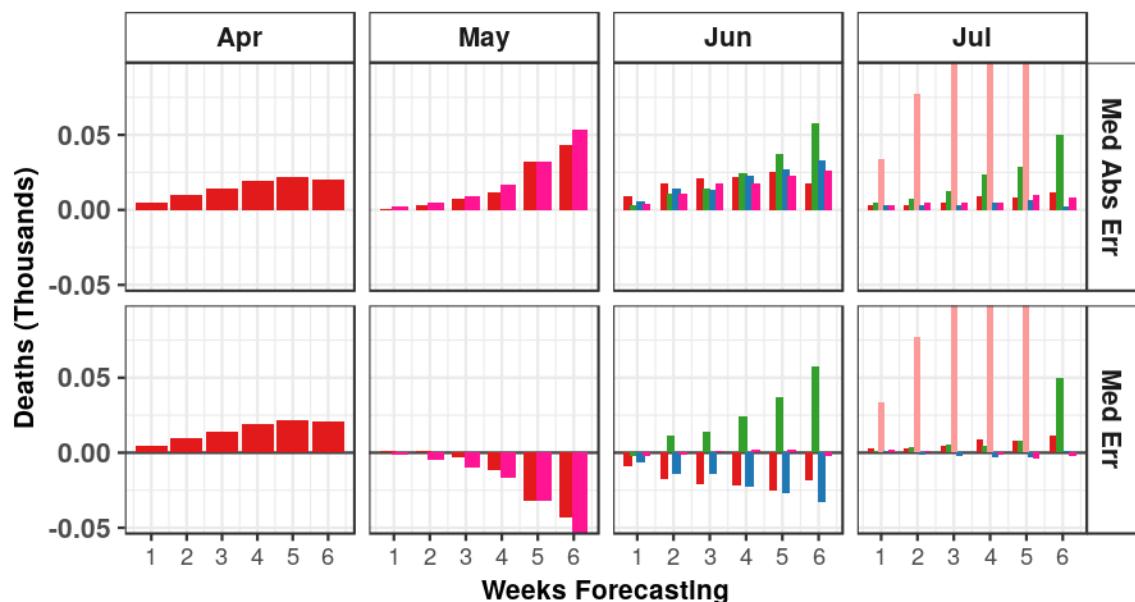
# Bahrain

## Current Forecast

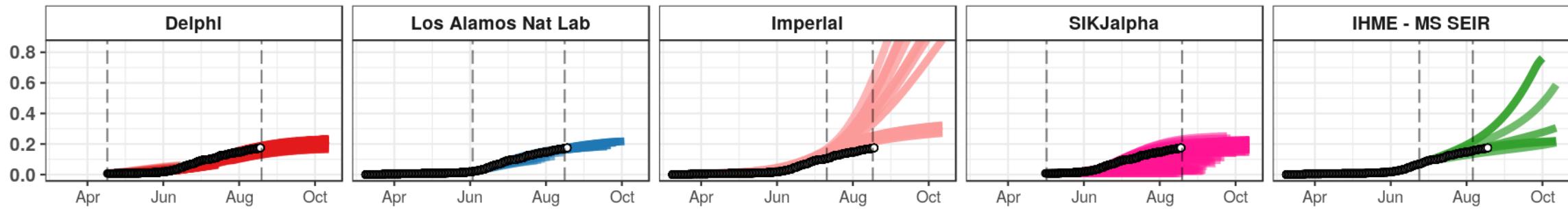
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



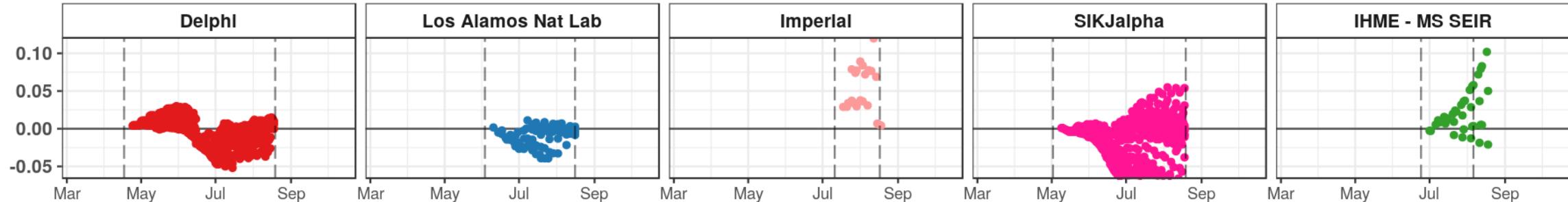
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



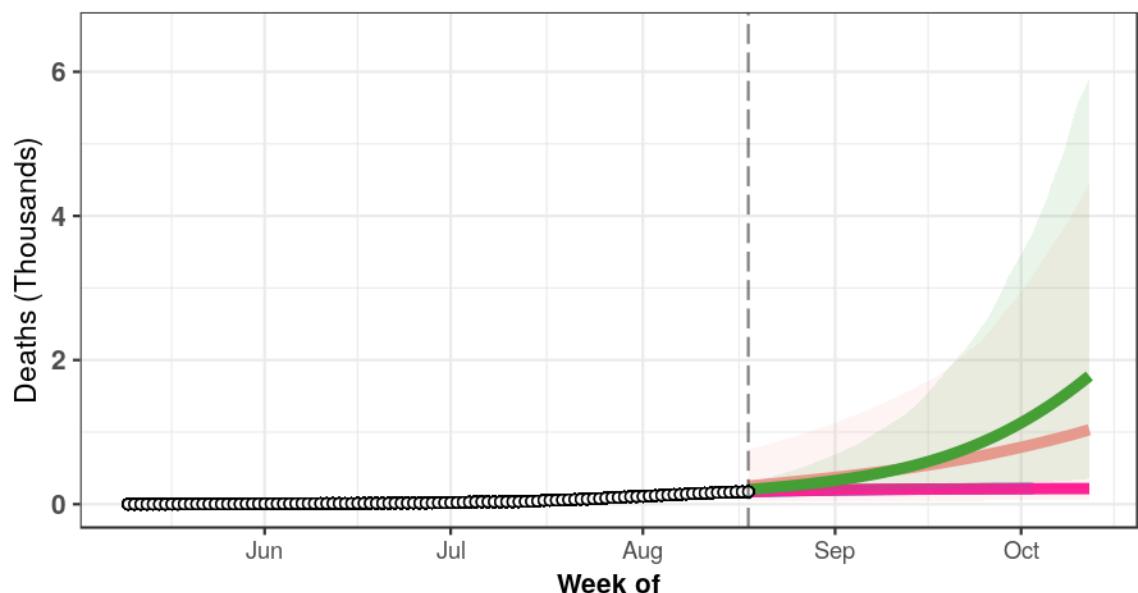
## All Cumulative Errors



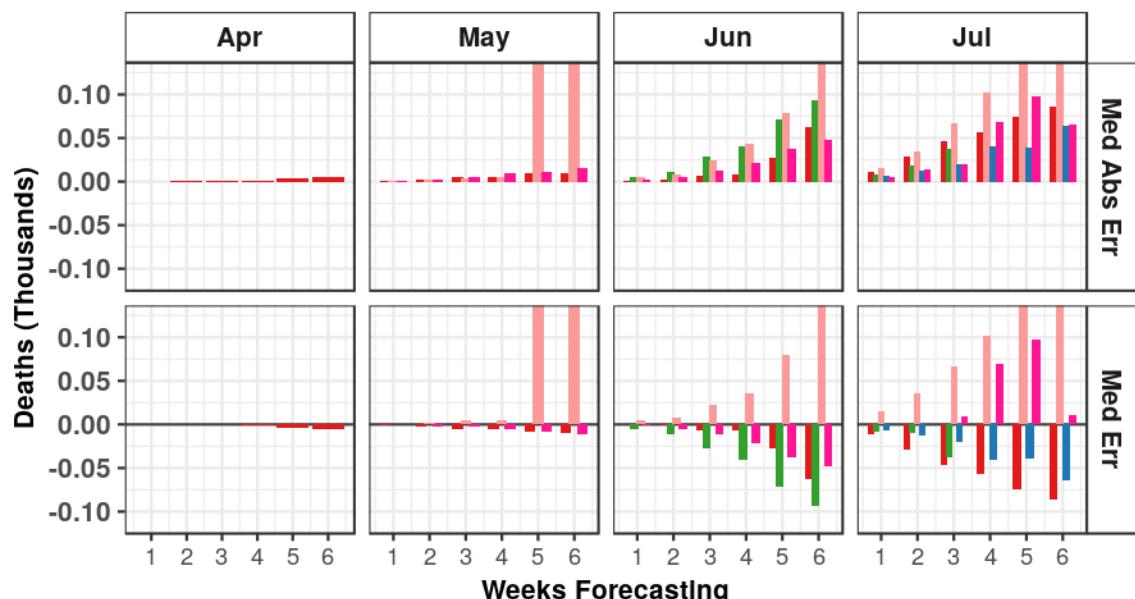
# Madagascar

## Current Forecast

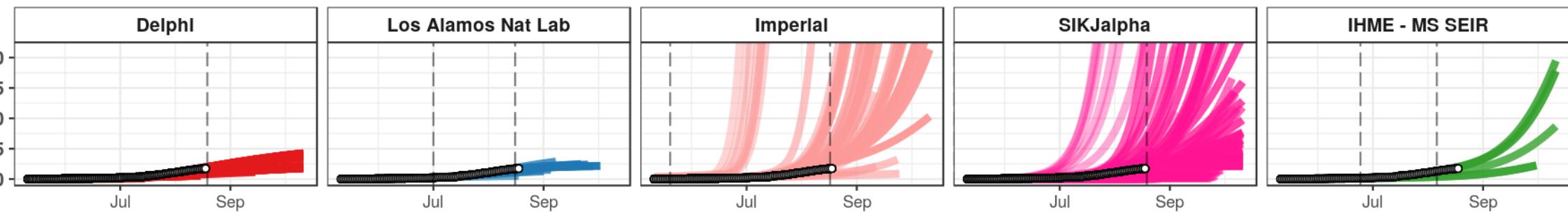
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



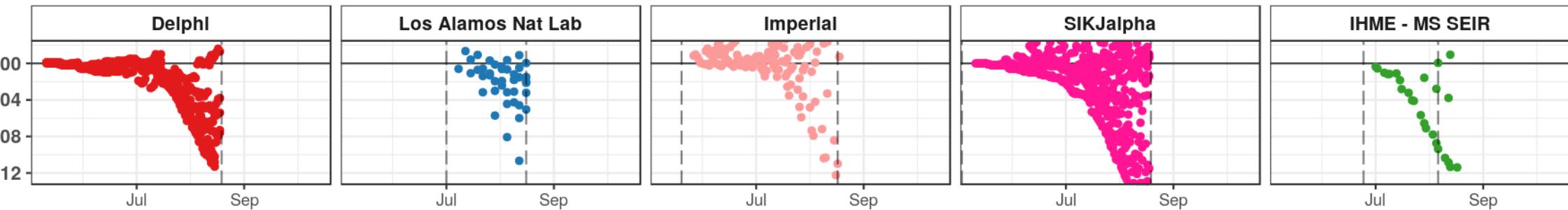
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



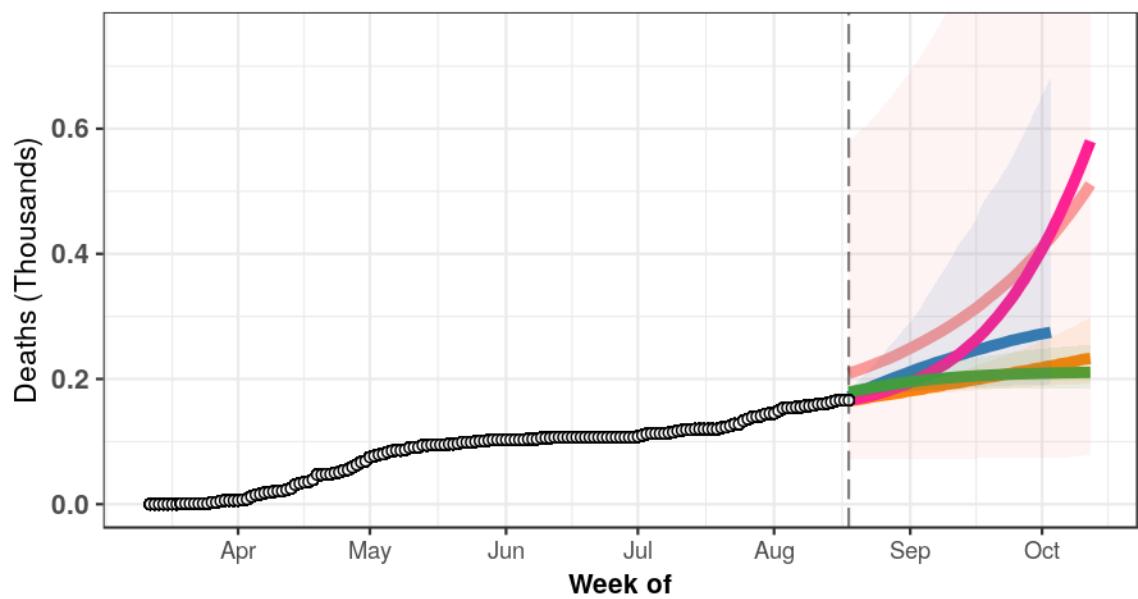
## All Cumulative Errors



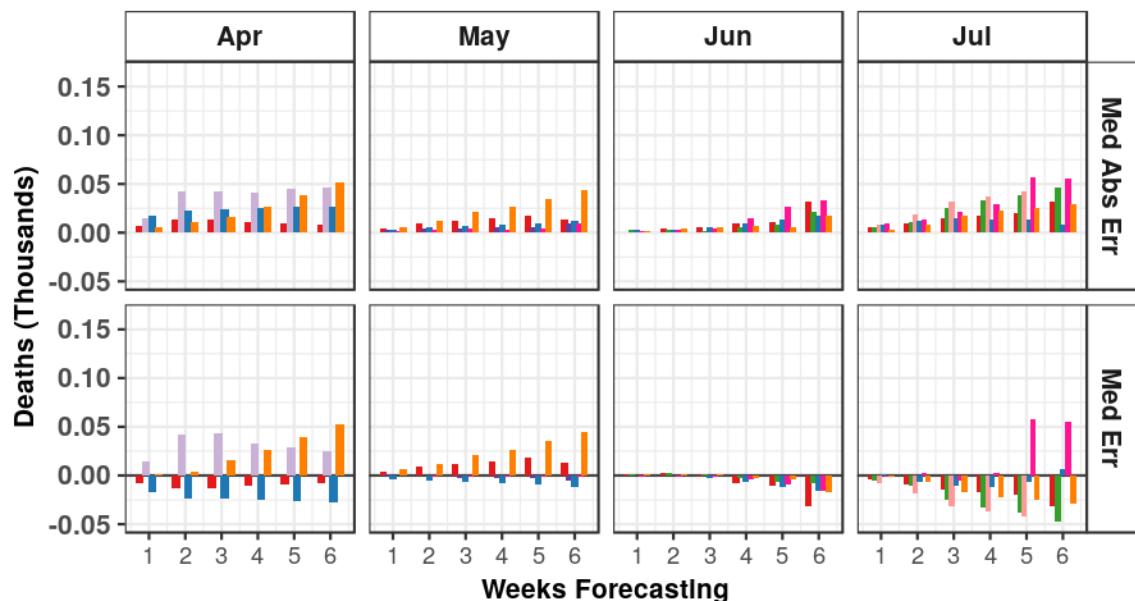
# Croatia

## Current Forecast

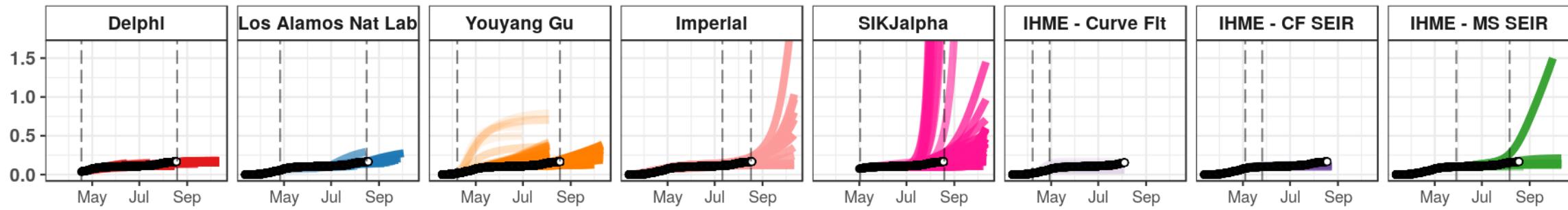
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



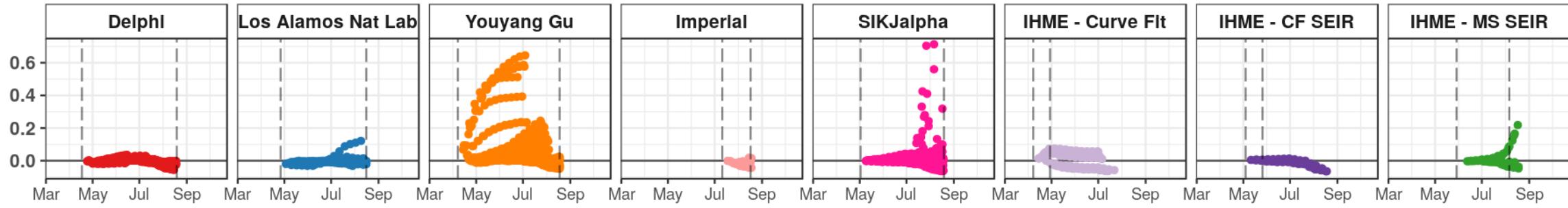
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



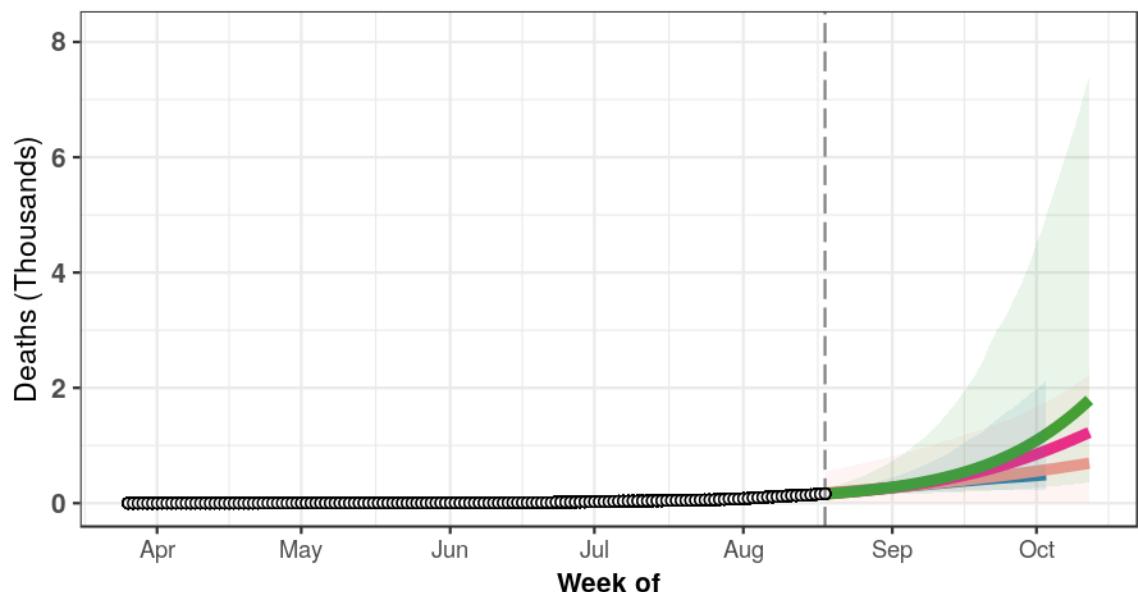
## All Cumulative Errors



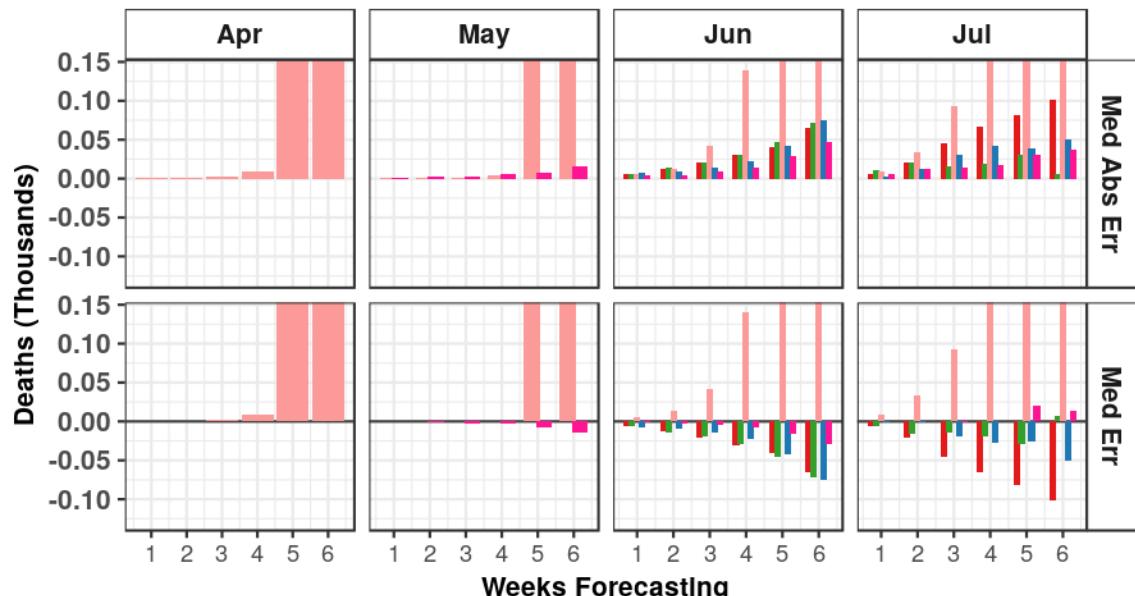
# Libya

## Current Forecast

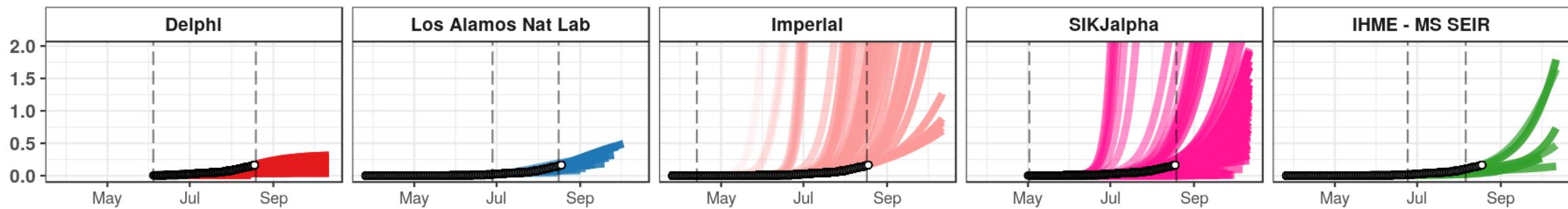
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



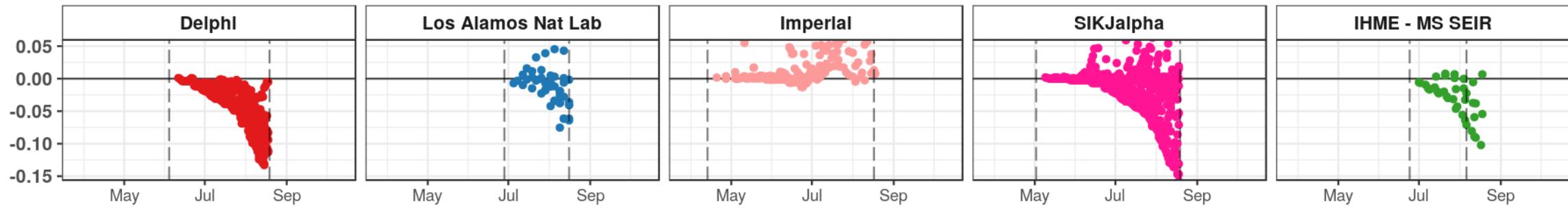
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



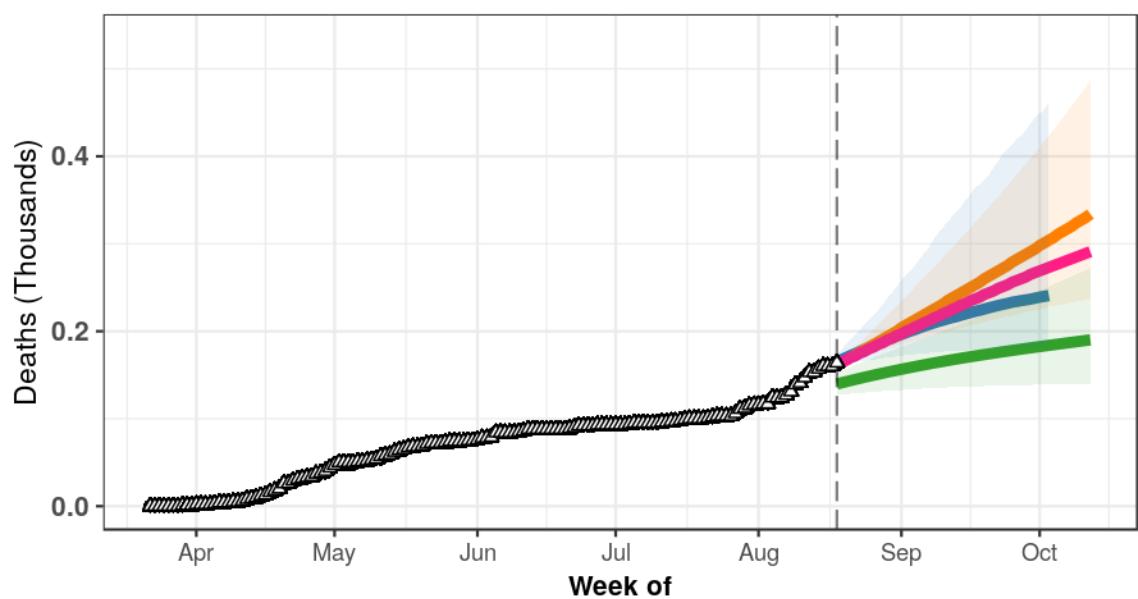
## All Cumulative Errors



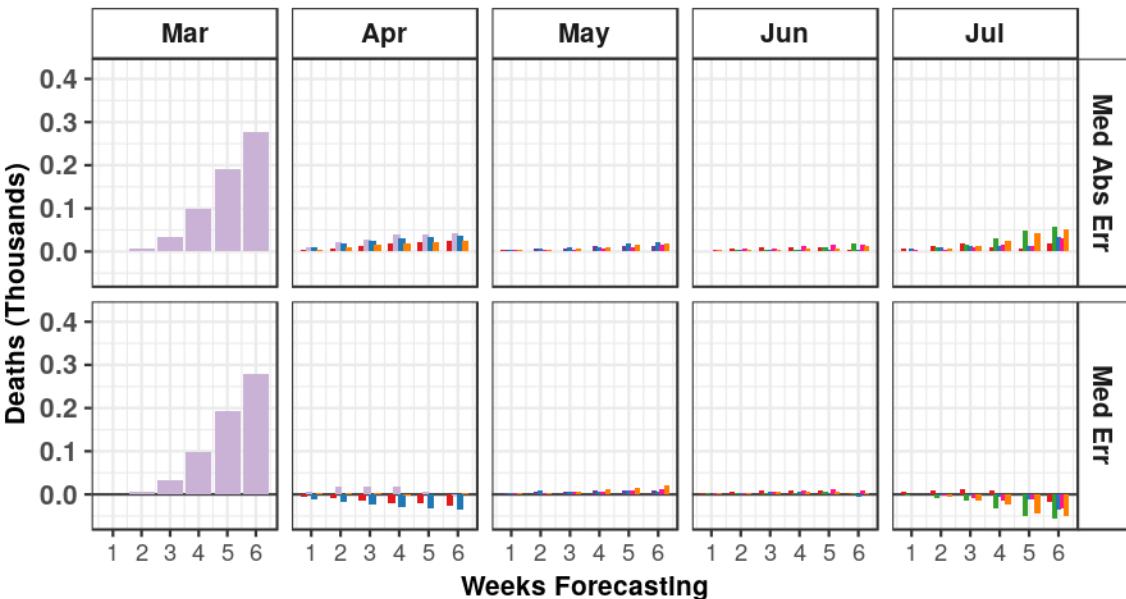
# West Virginia

## Current Forecast

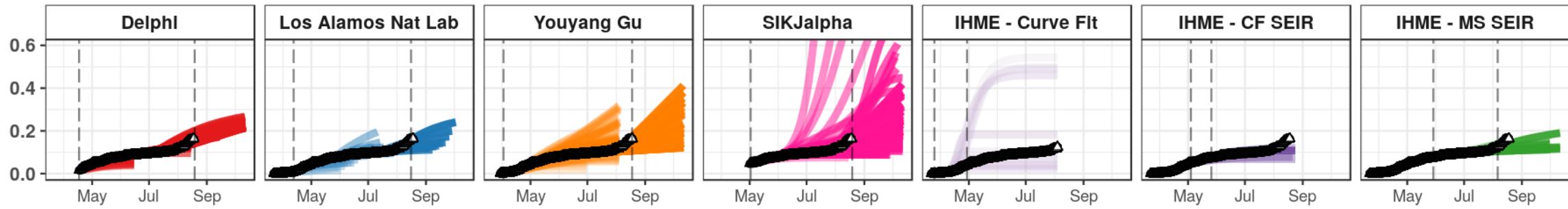
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



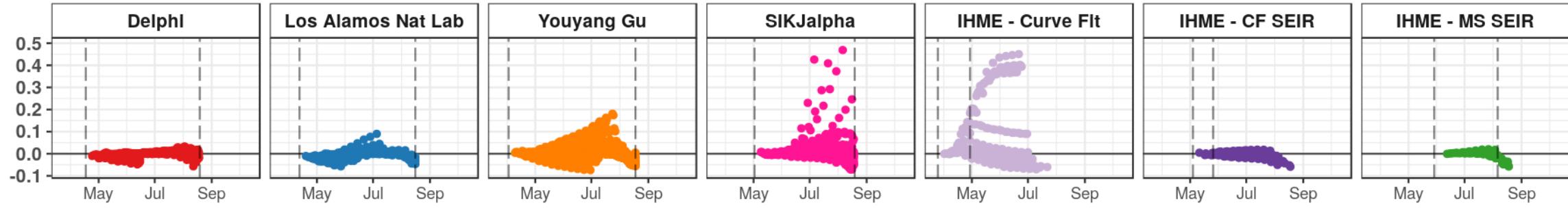
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

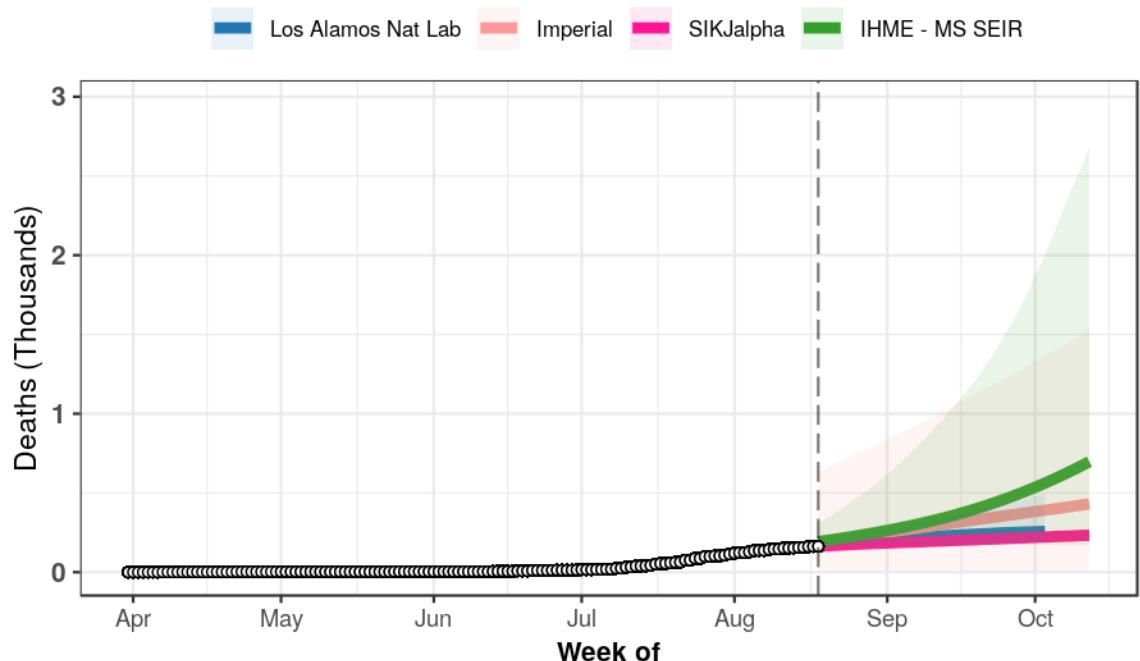


## All Cumulative Errors

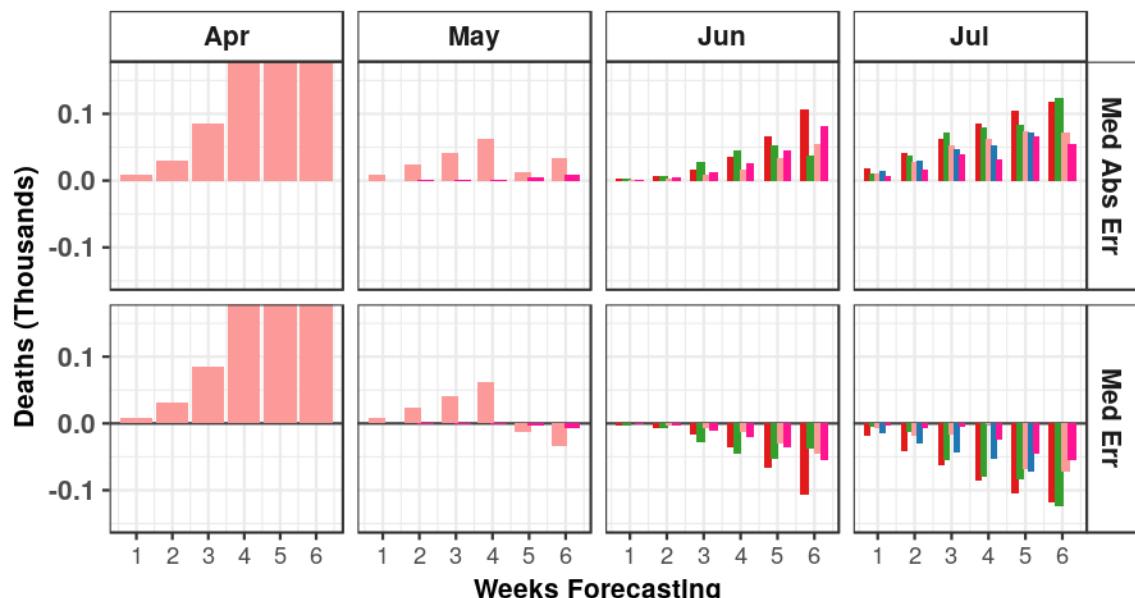


# Malawi

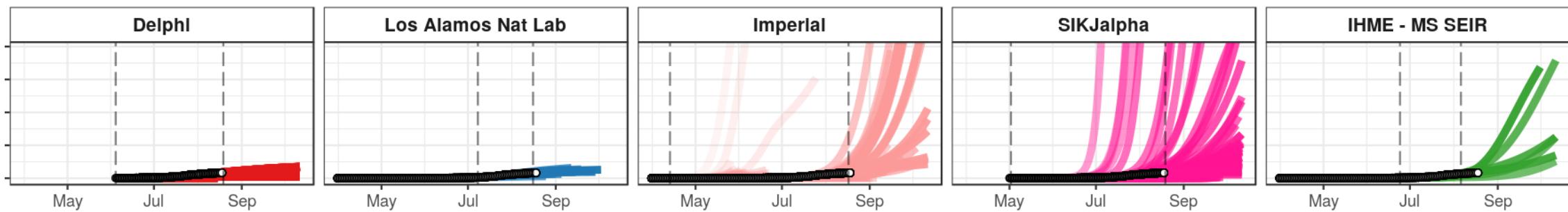
## Current Forecast



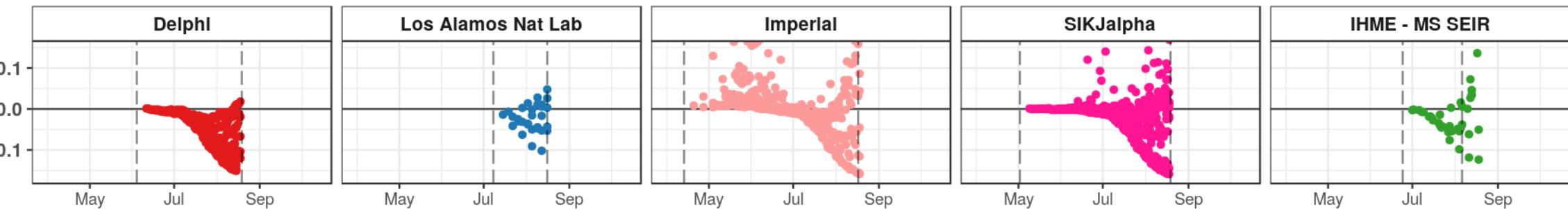
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



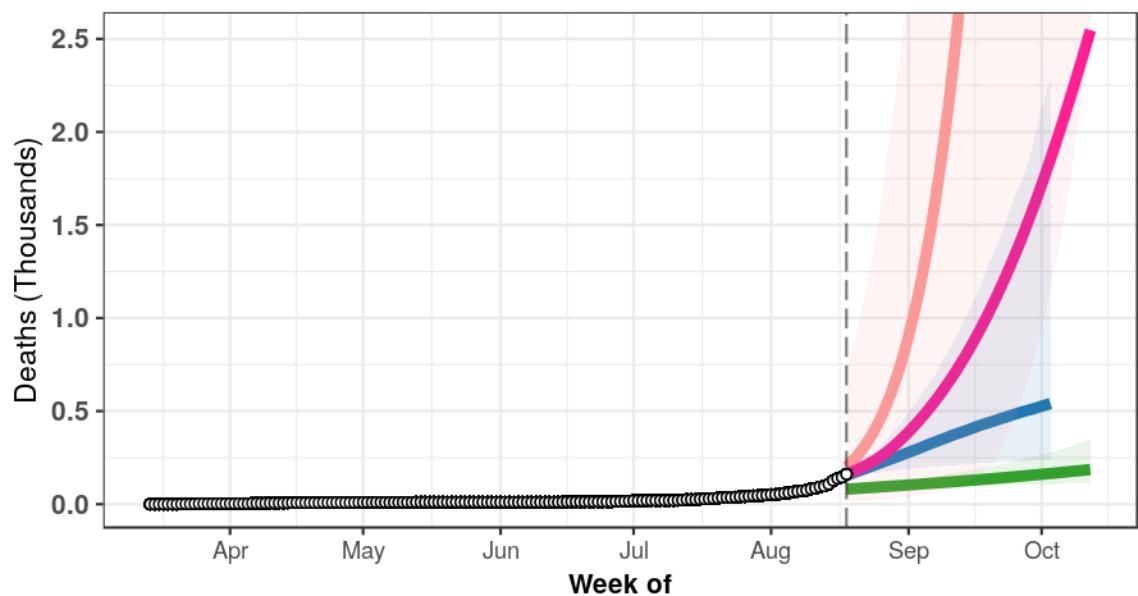
## All Cumulative Errors



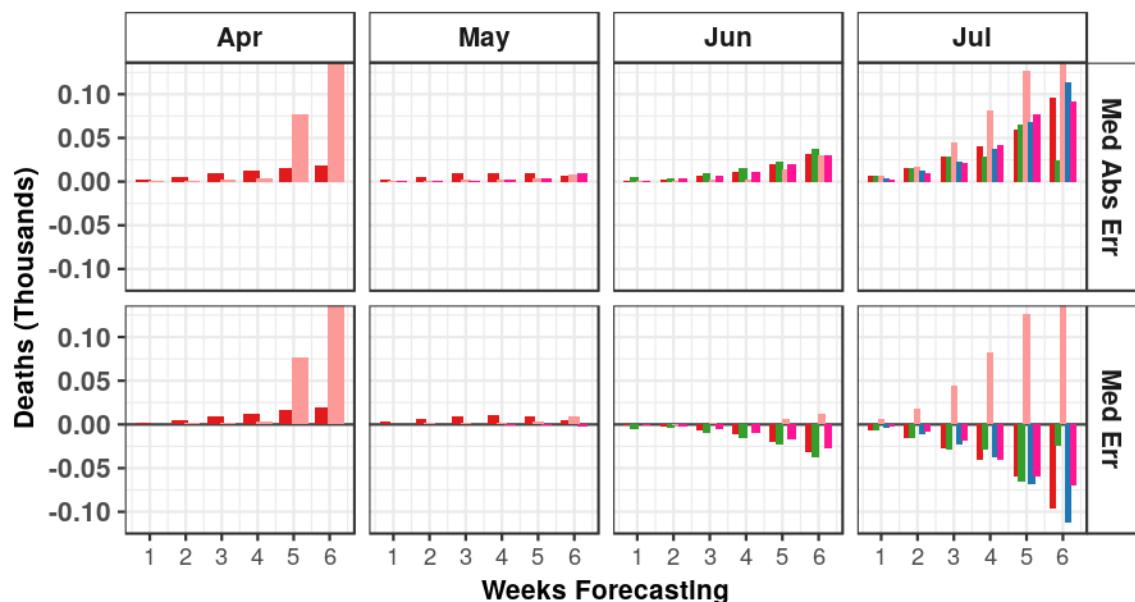
# Paraguay

## Current Forecast

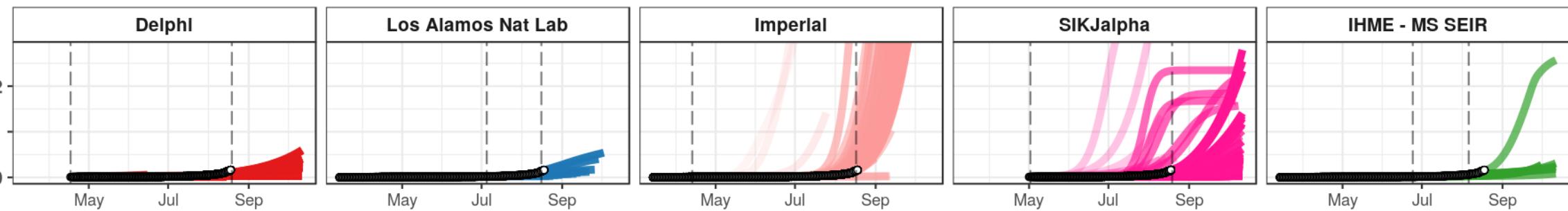
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



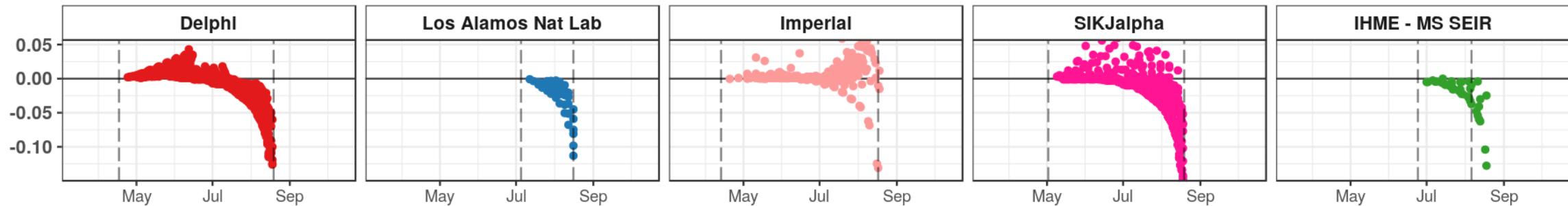
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



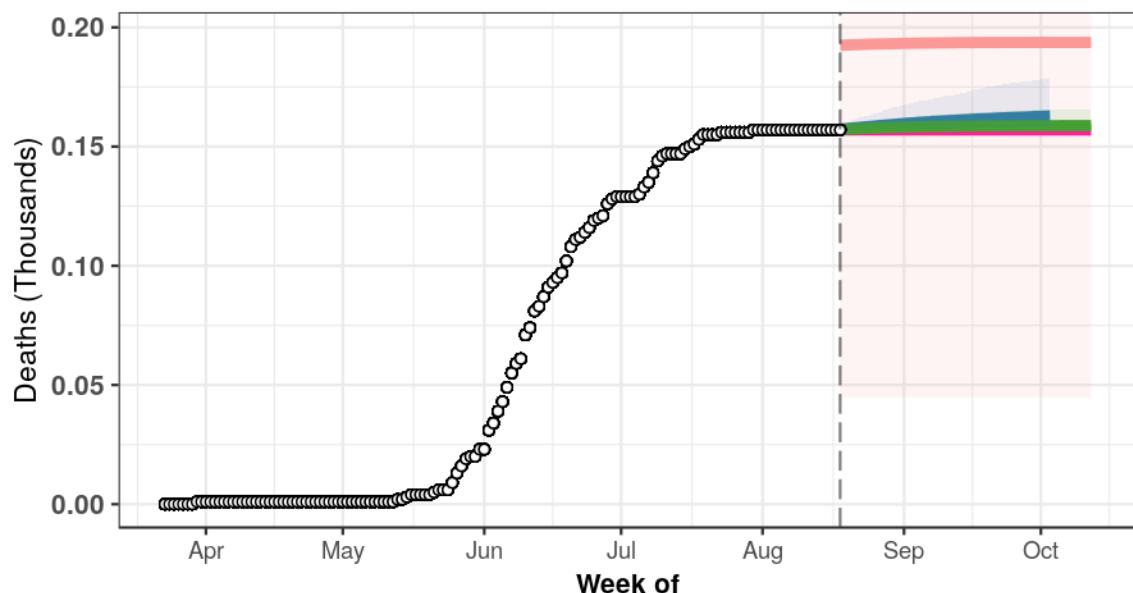
## All Cumulative Errors



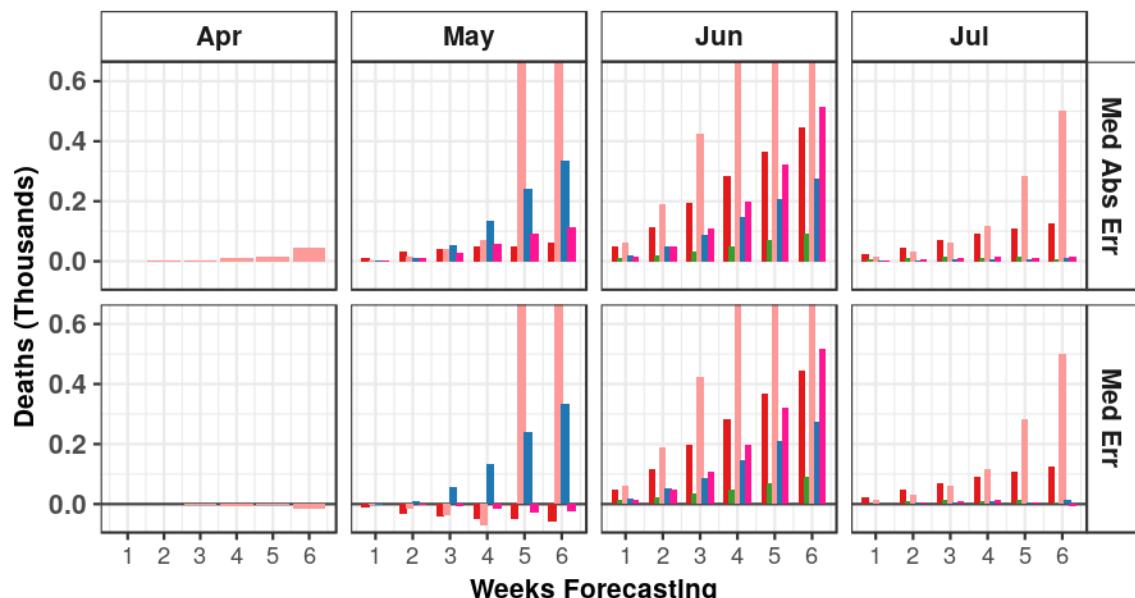
# Mauritania

## Current Forecast

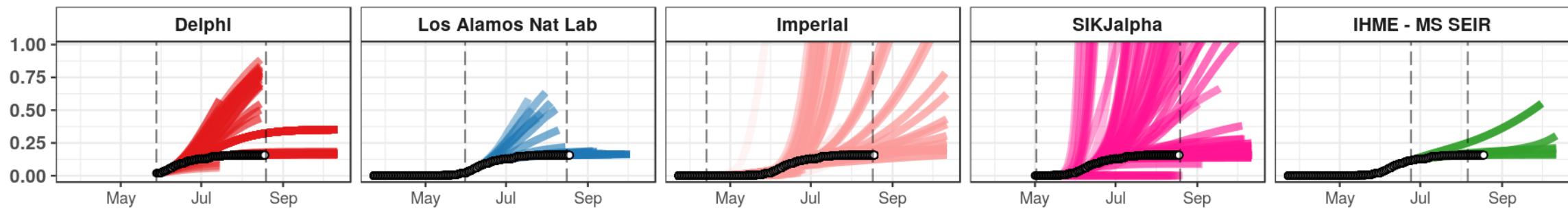
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



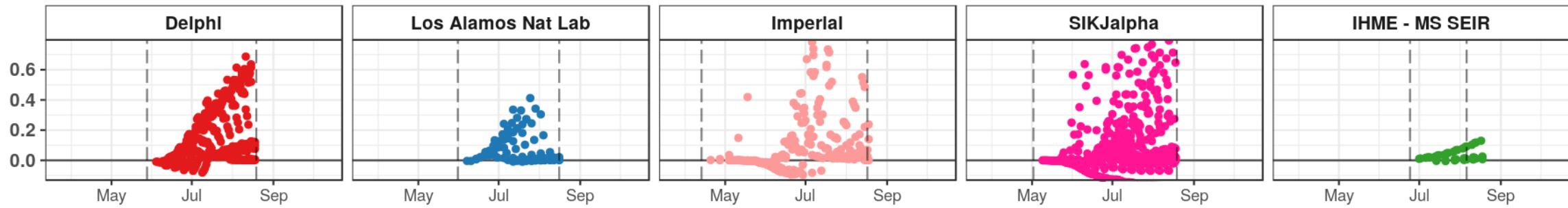
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



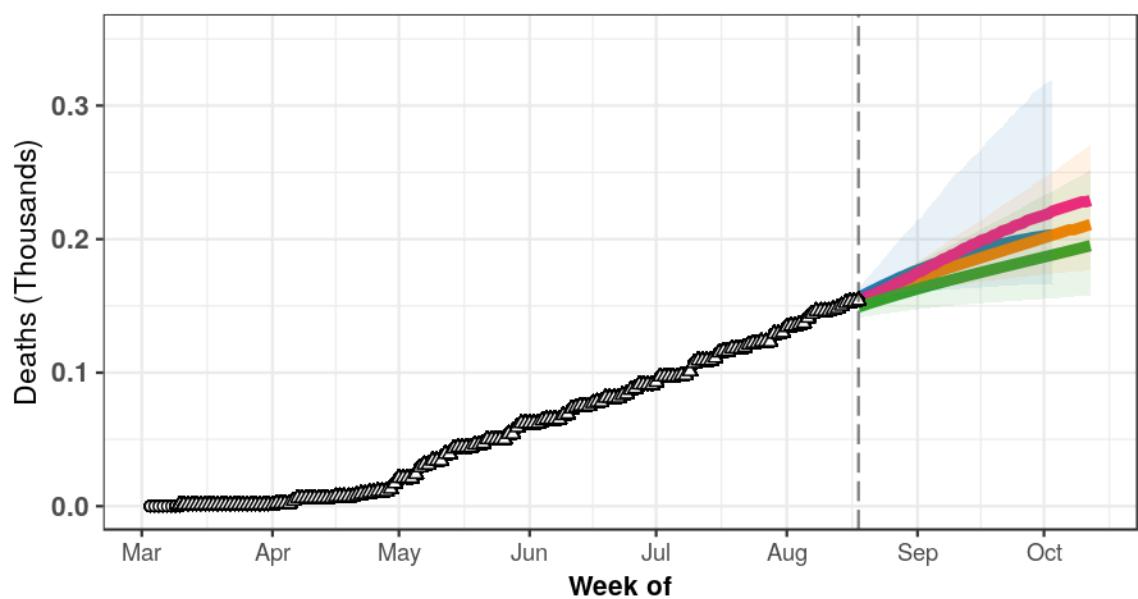
## All Cumulative Errors



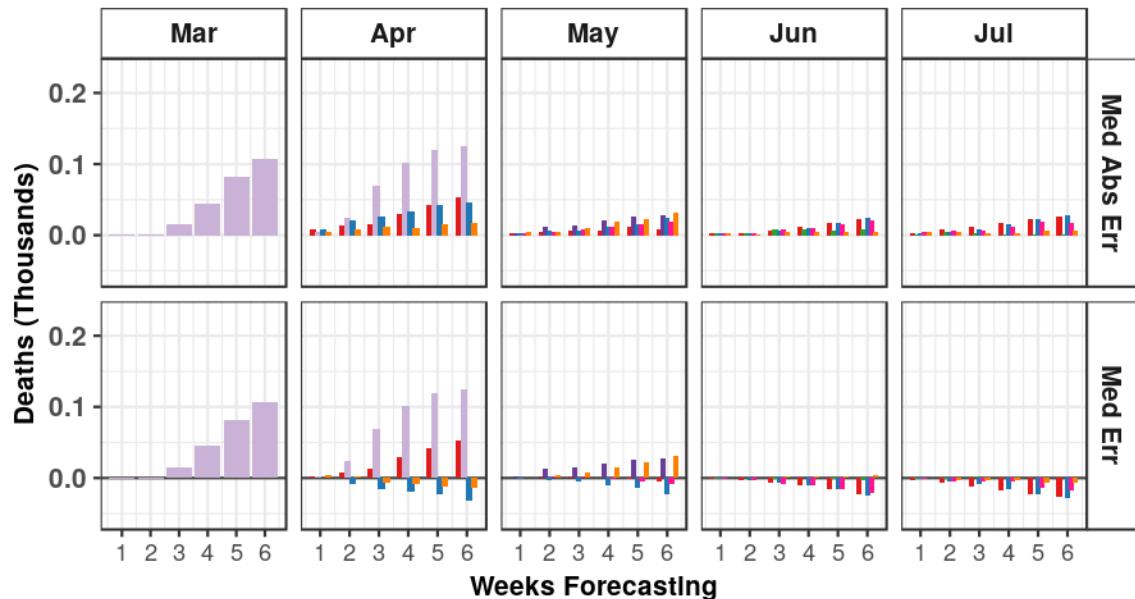
# South Dakota

## Current Forecast

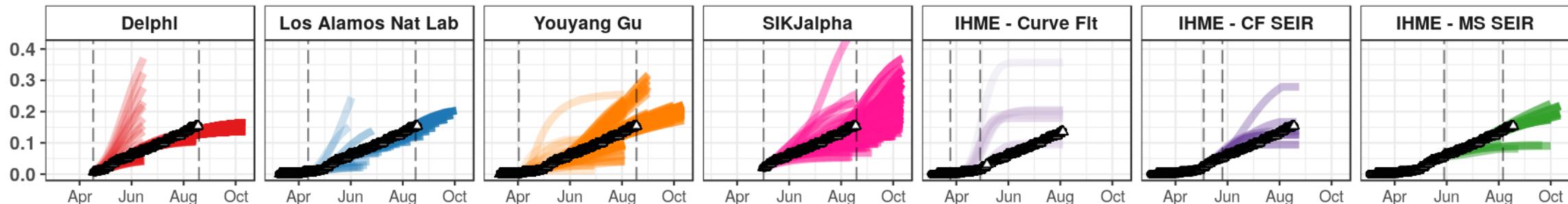
Los Alamos Nat Lab Youyang Gu SIKJalpha IHME - MS SEIR JHU NY



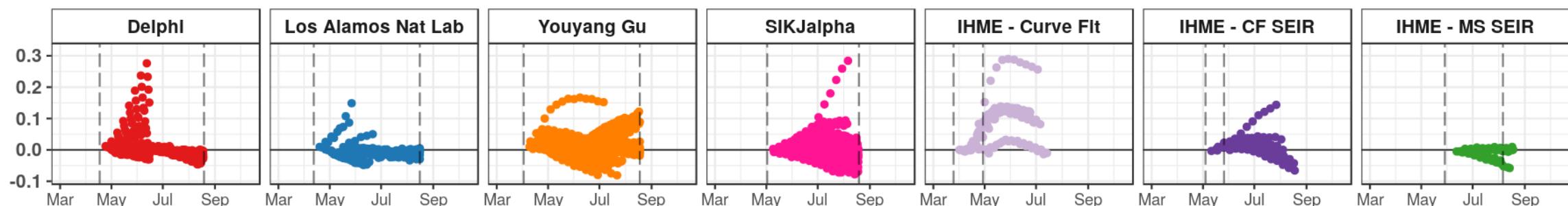
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



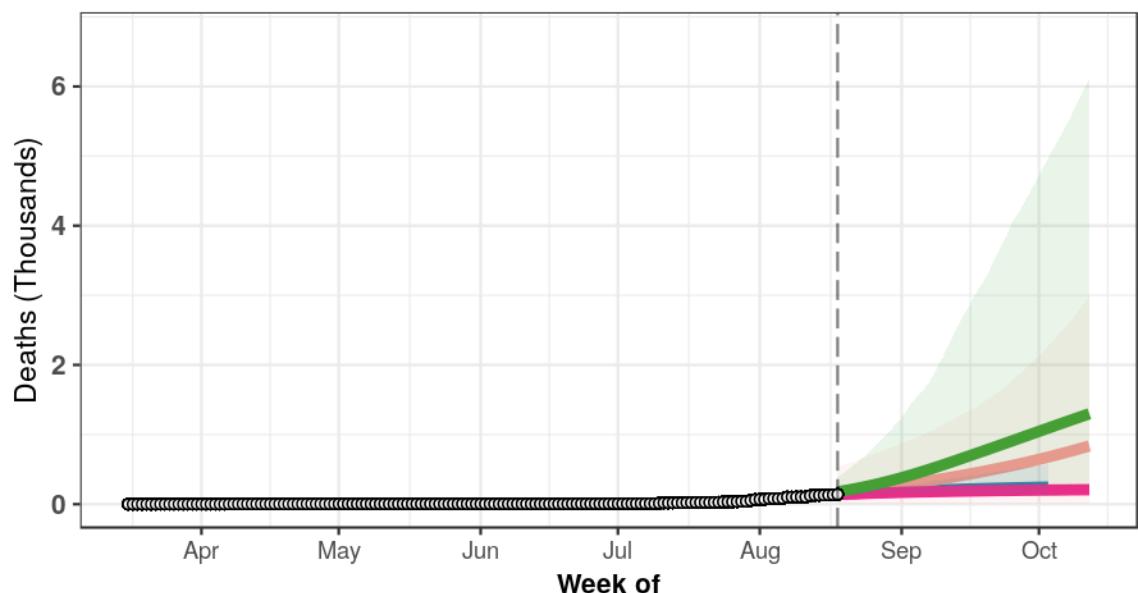
## All Cumulative Errors



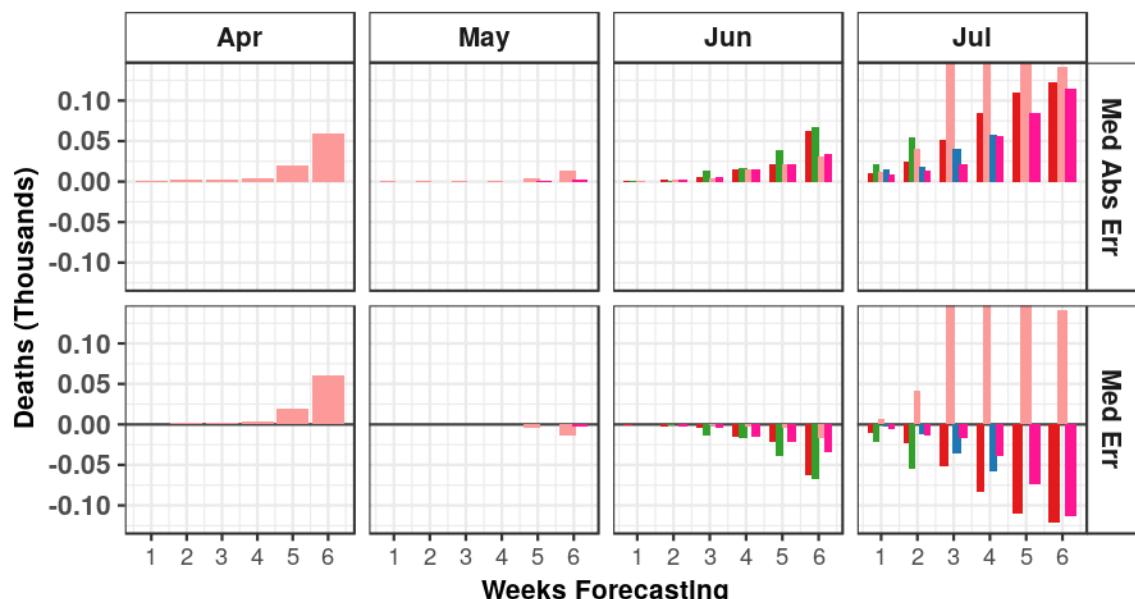
# Zimbabwe

## Current Forecast

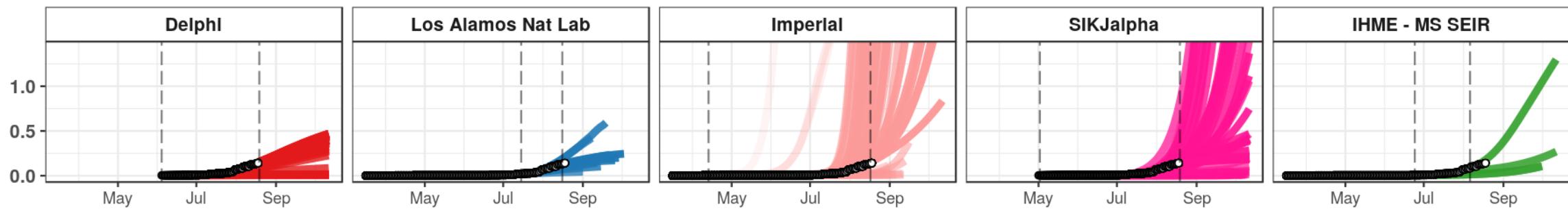
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



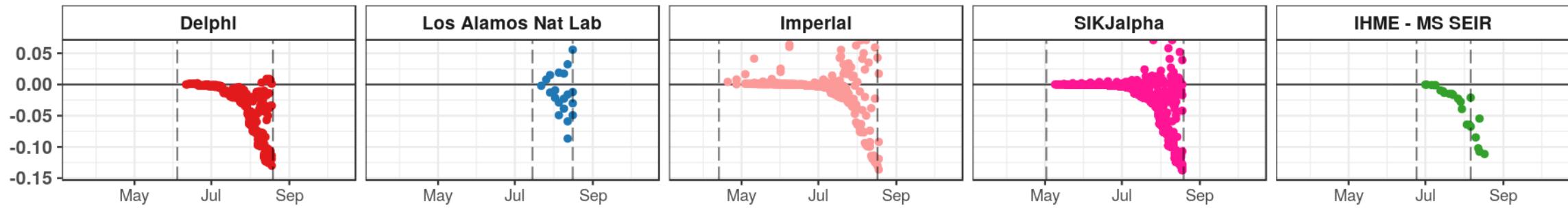
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



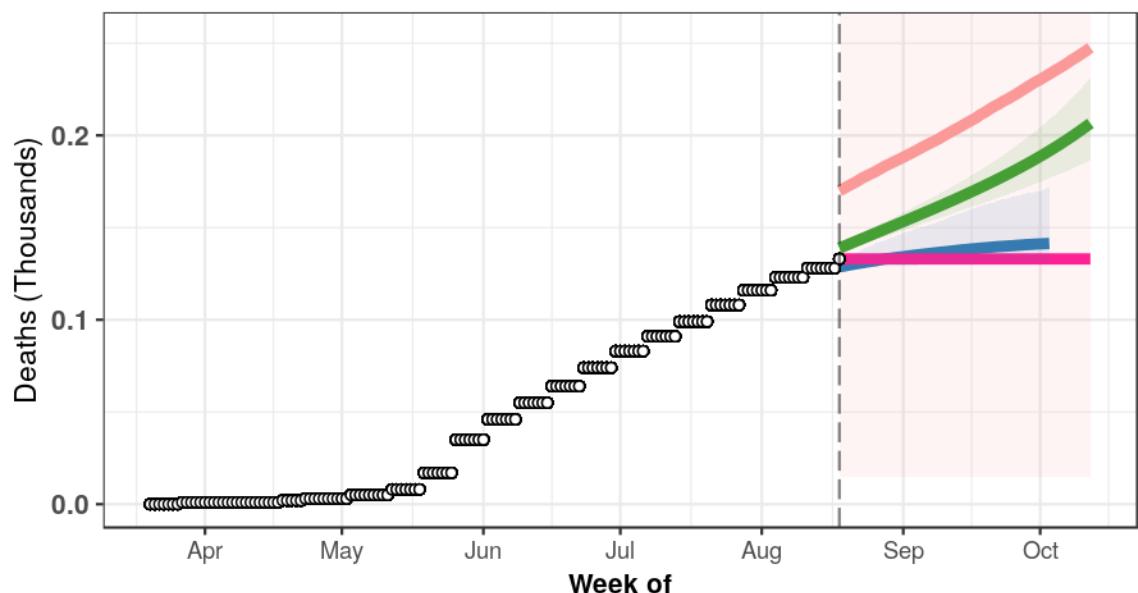
## All Cumulative Errors



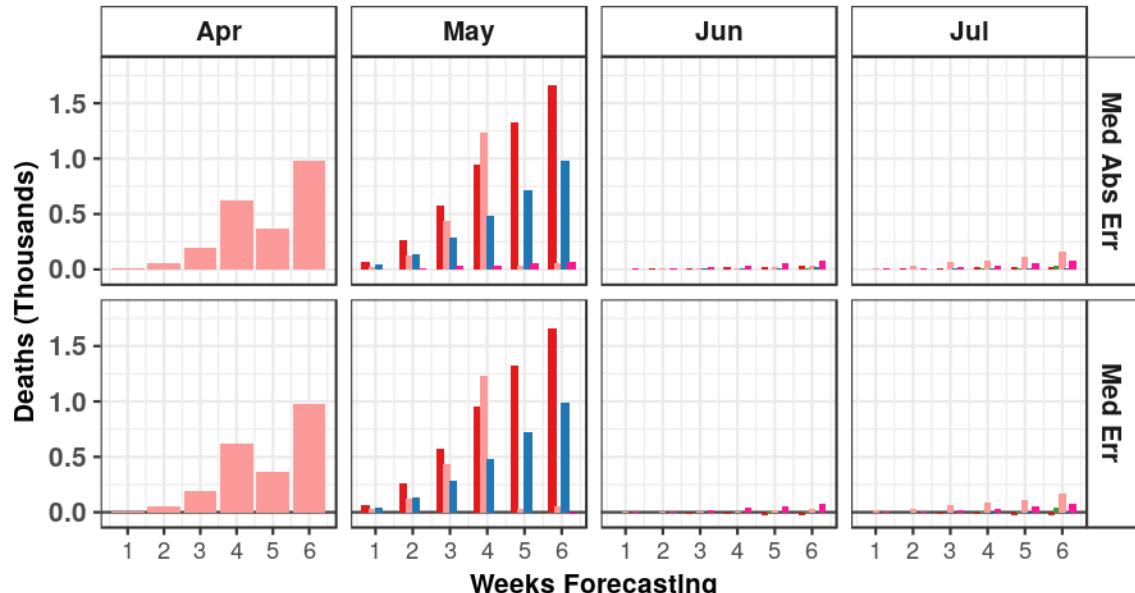
# Nicaragua

## Current Forecast

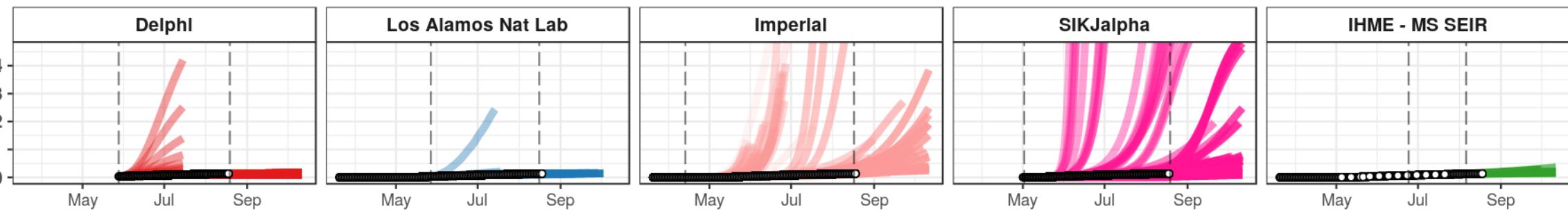
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



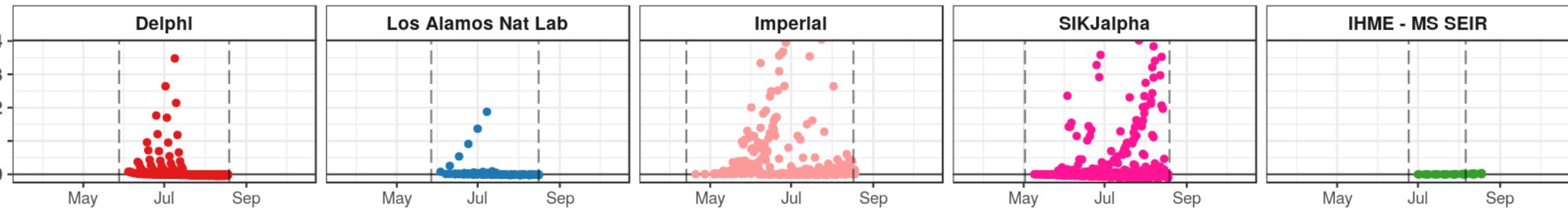
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



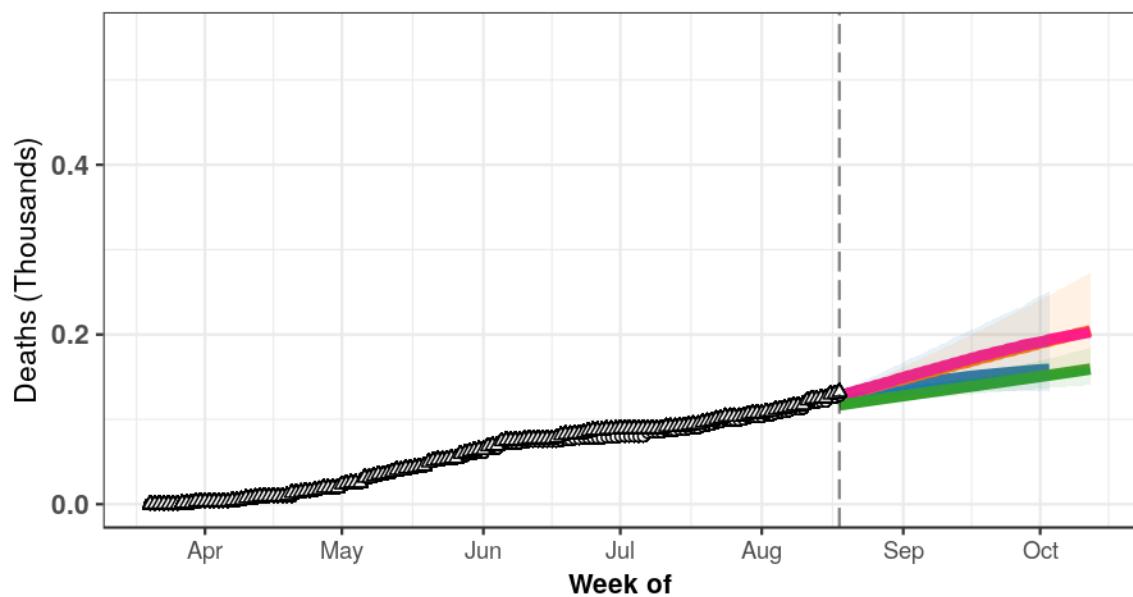
## All Cumulative Errors



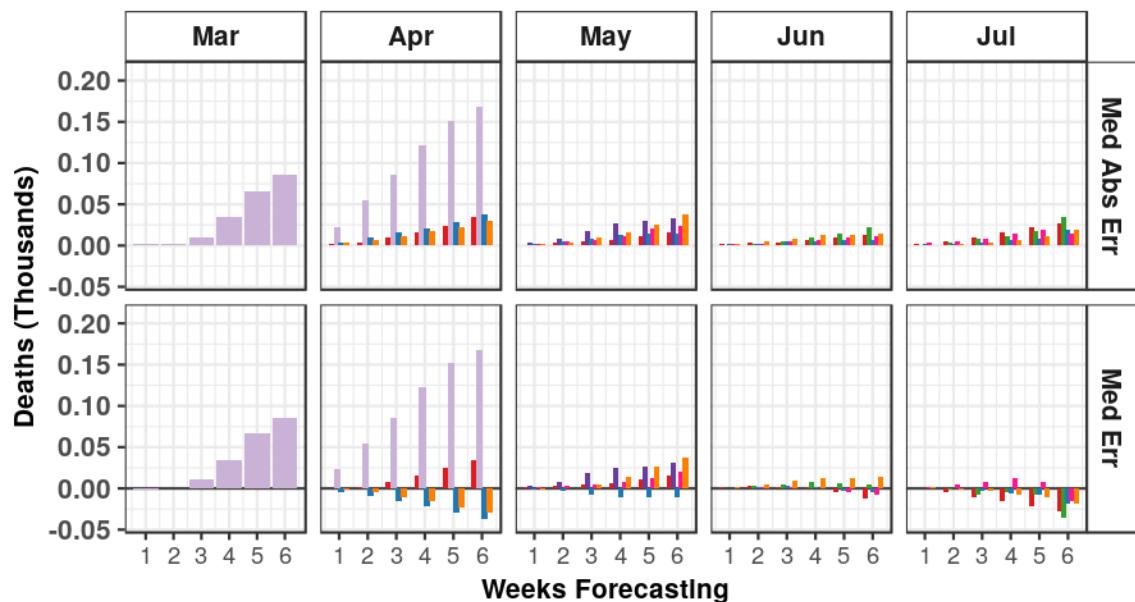
# North Dakota

## Current Forecast

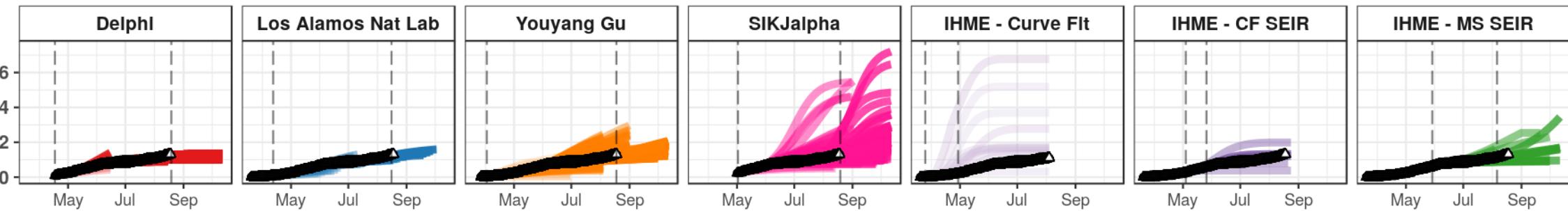
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



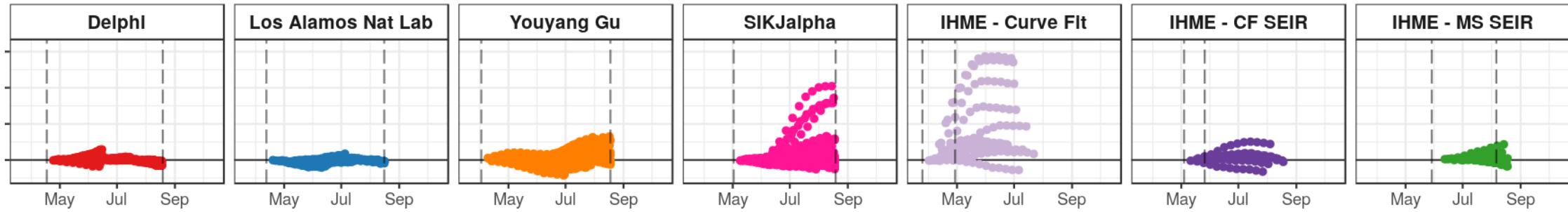
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



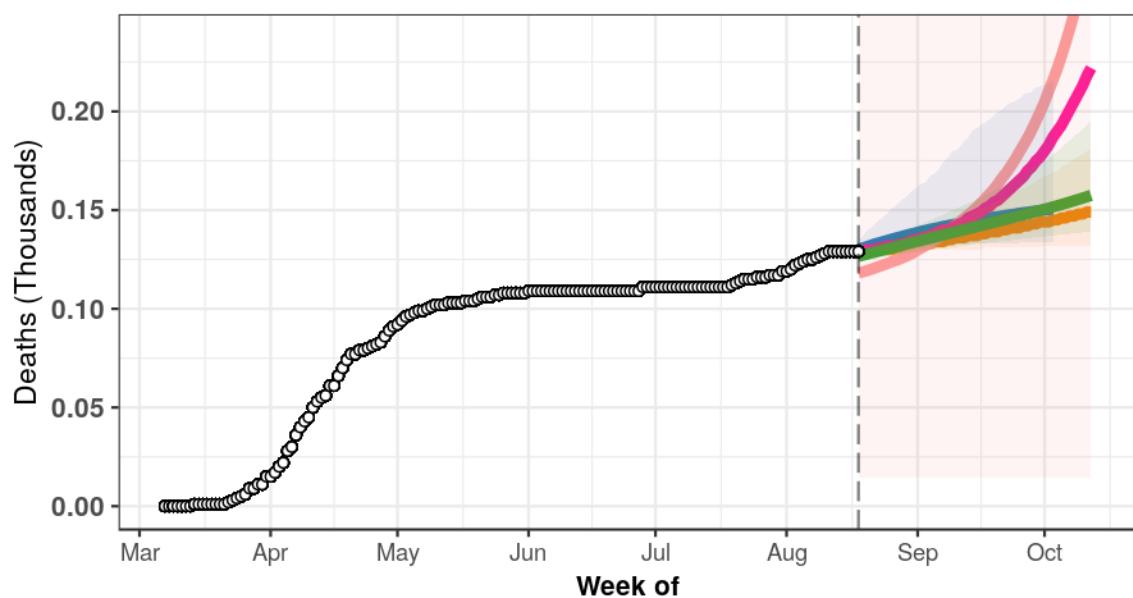
## All Cumulative Errors



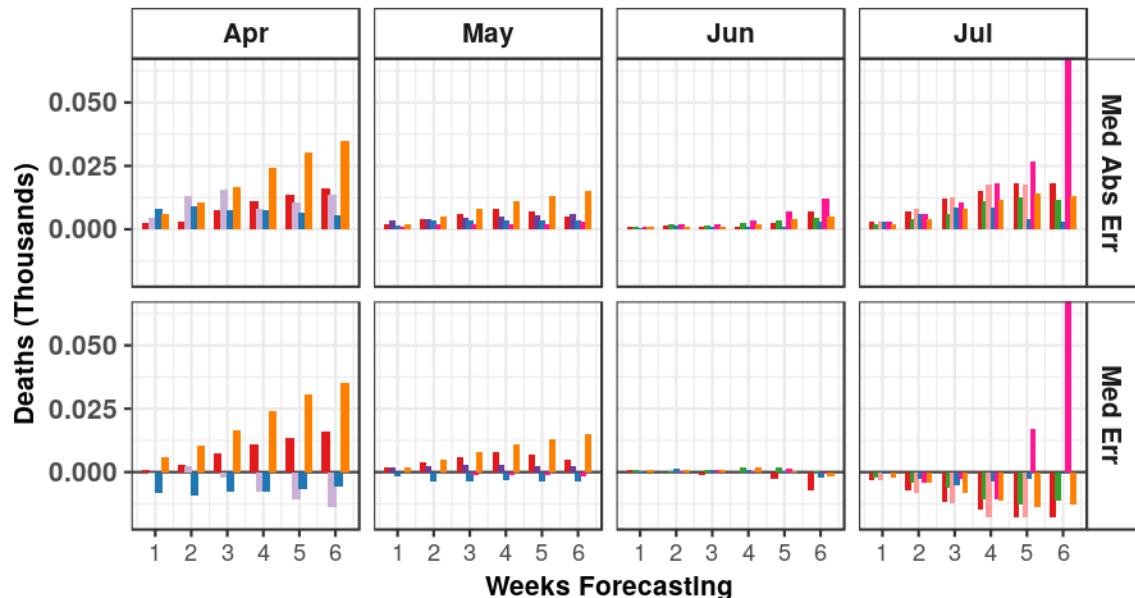
# Slovenia

## Current Forecast

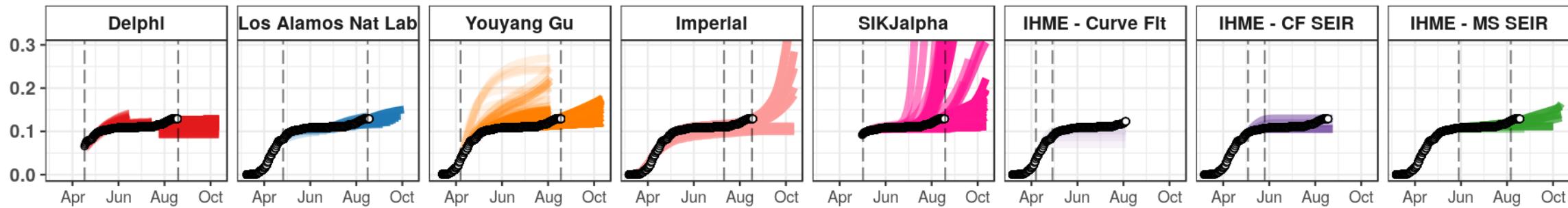
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



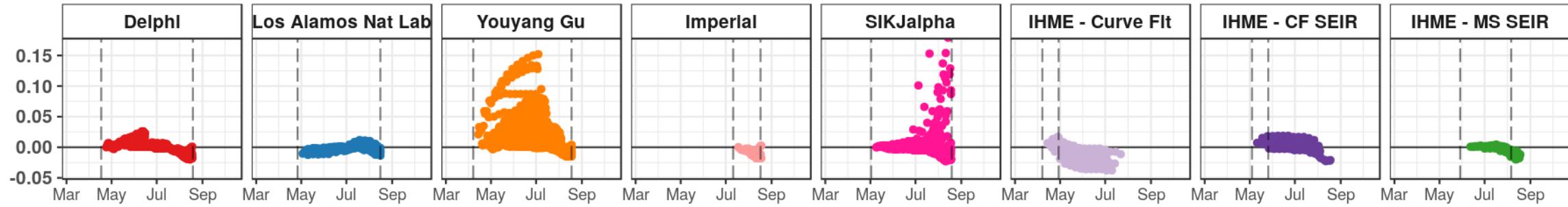
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

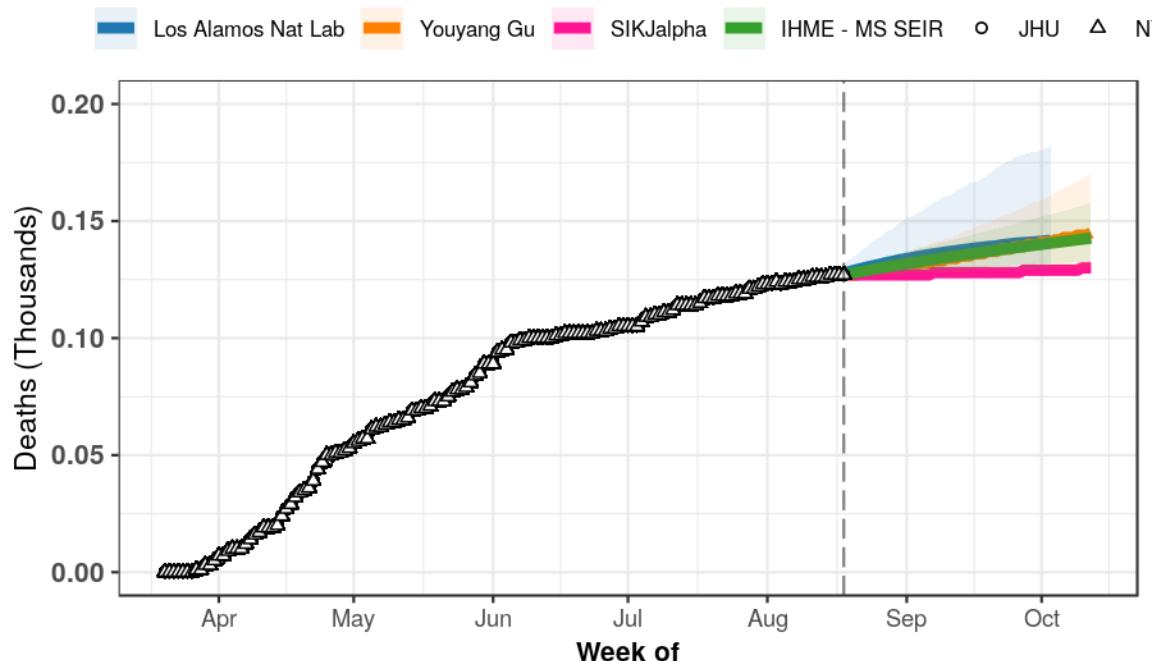


## All Cumulative Errors

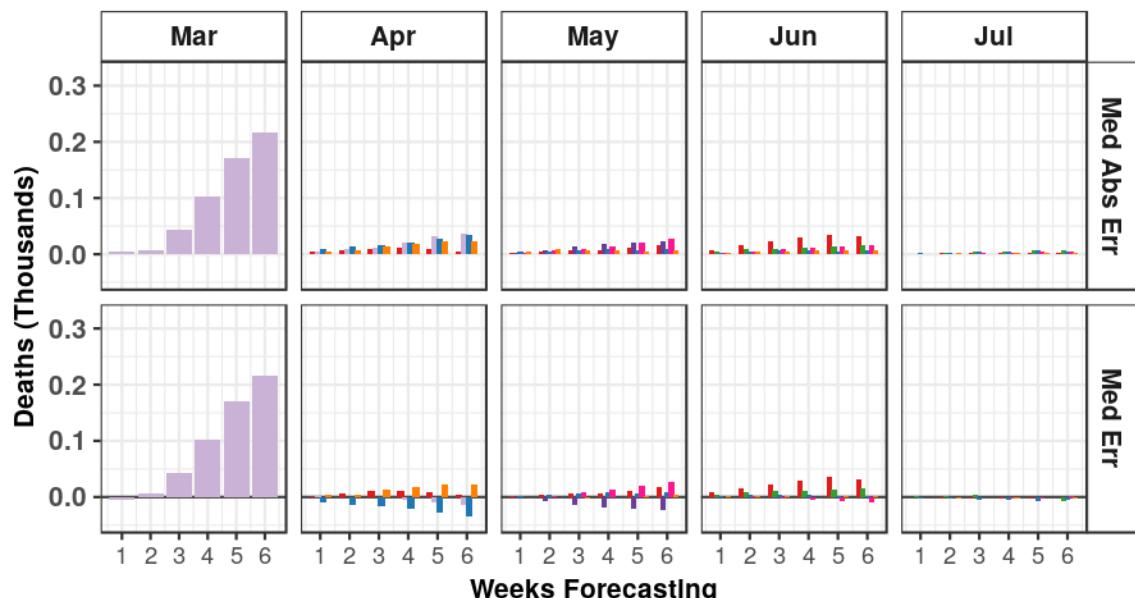


# Maine

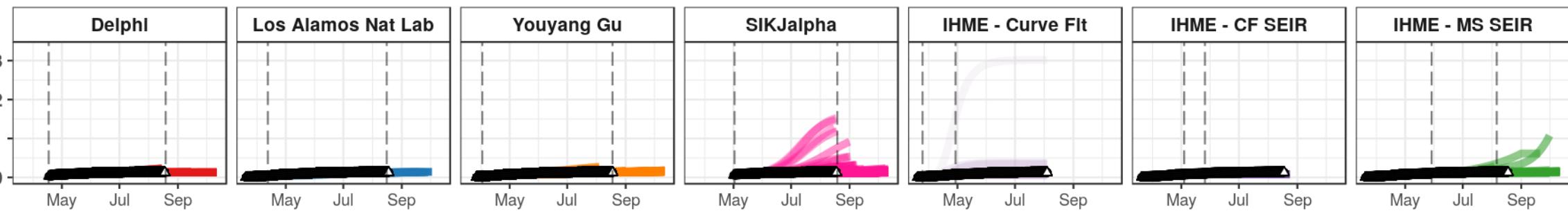
## Current Forecast



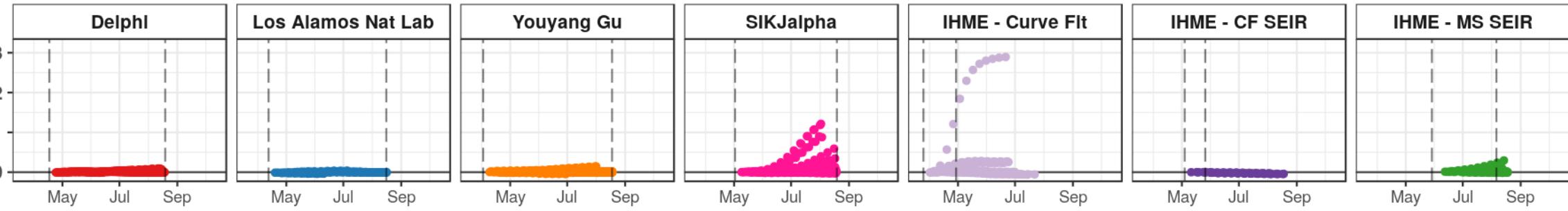
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



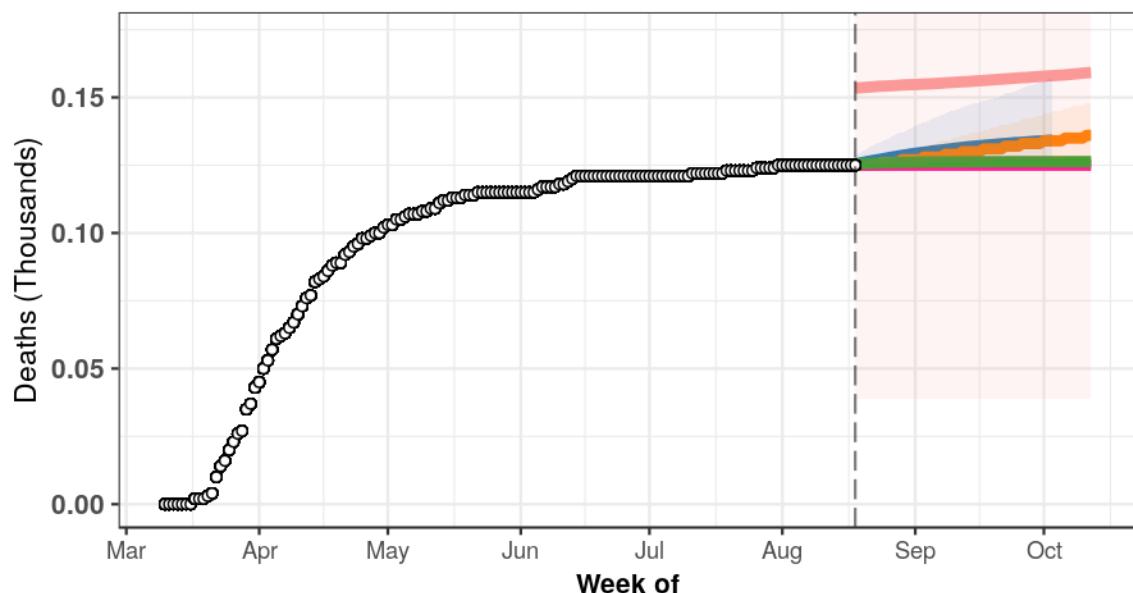
## All Cumulative Errors



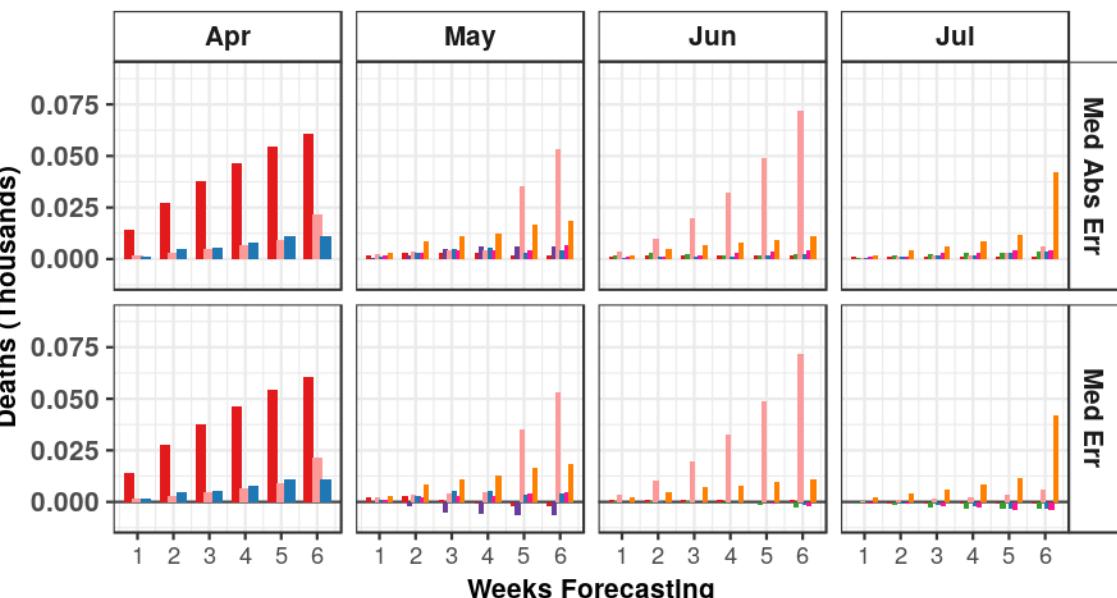
# Malaysia

## Current Forecast

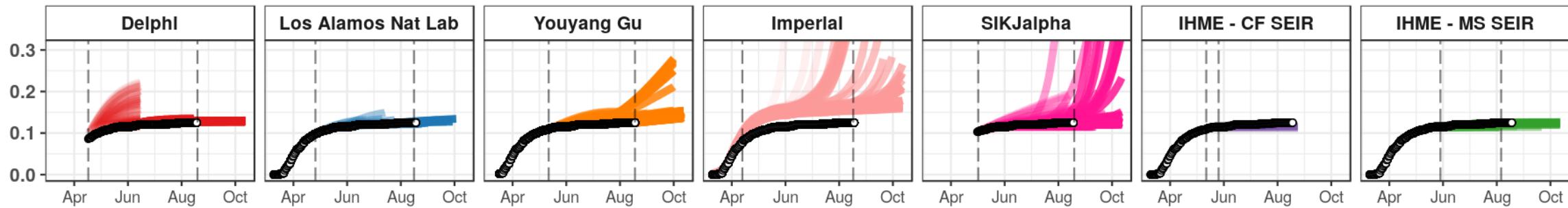
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



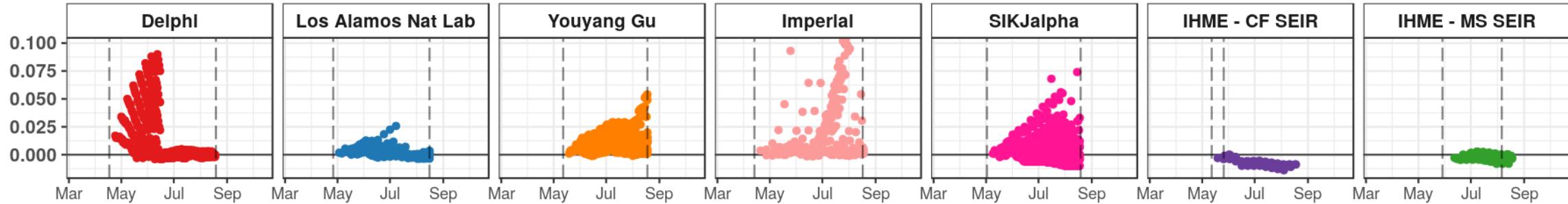
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



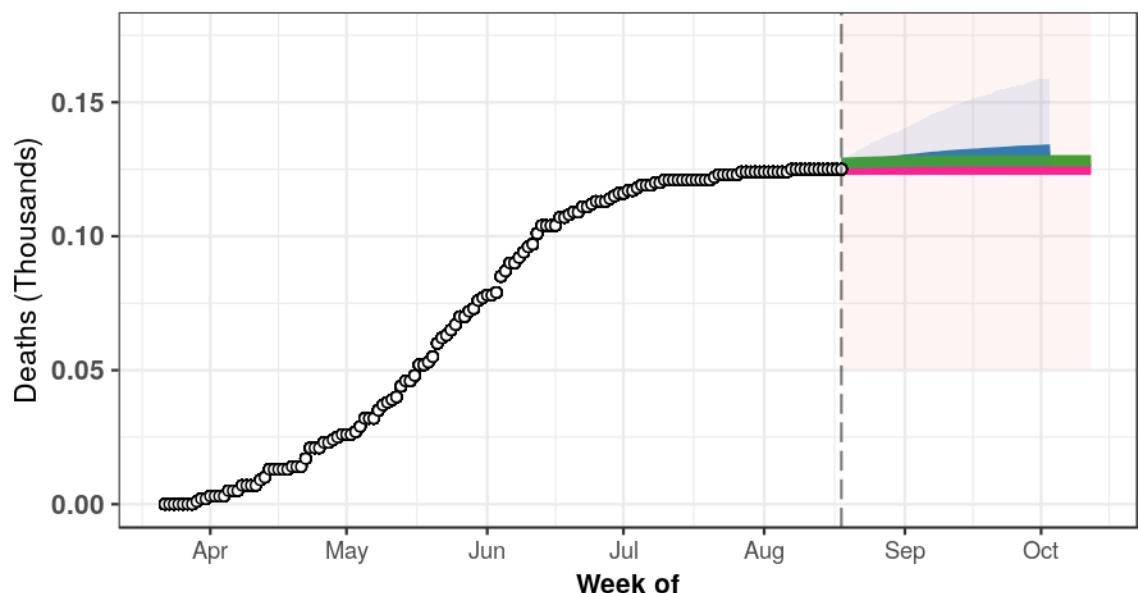
## All Cumulative Errors



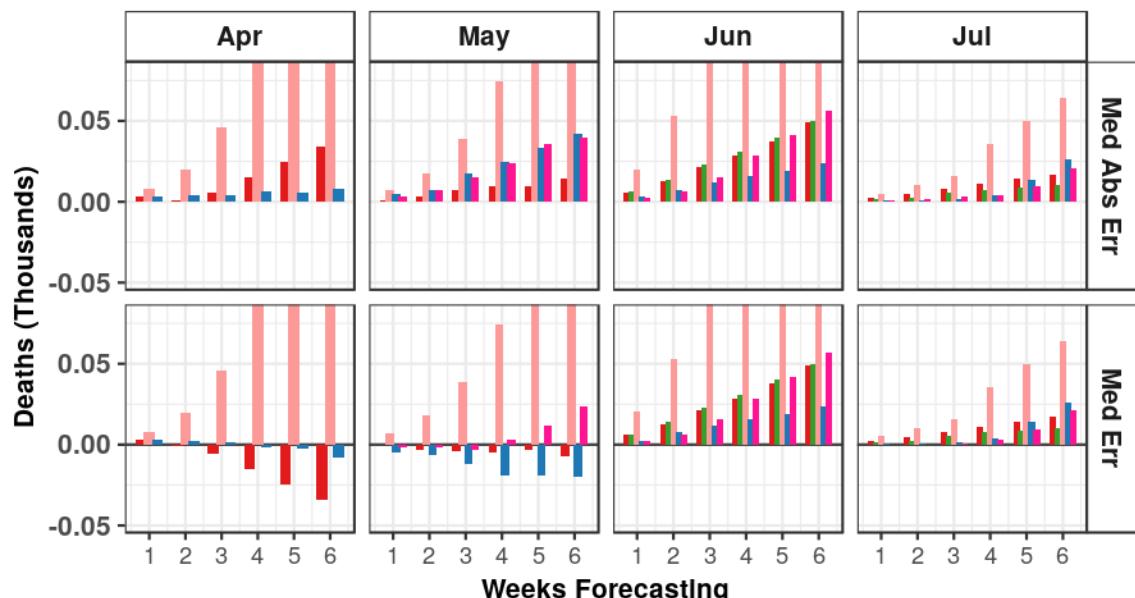
# Mali

## Current Forecast

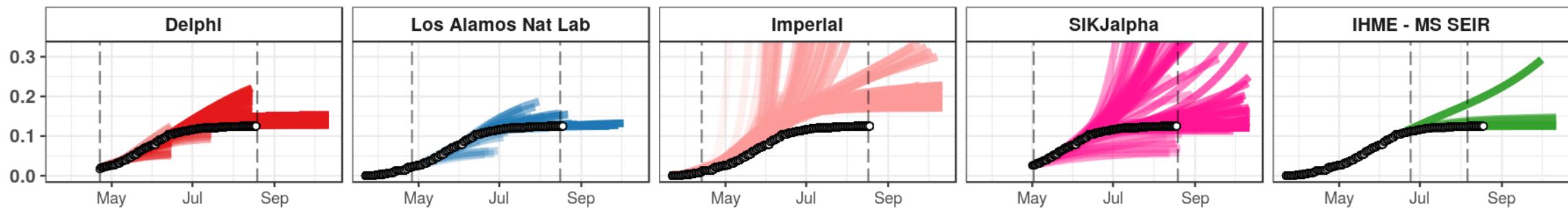
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



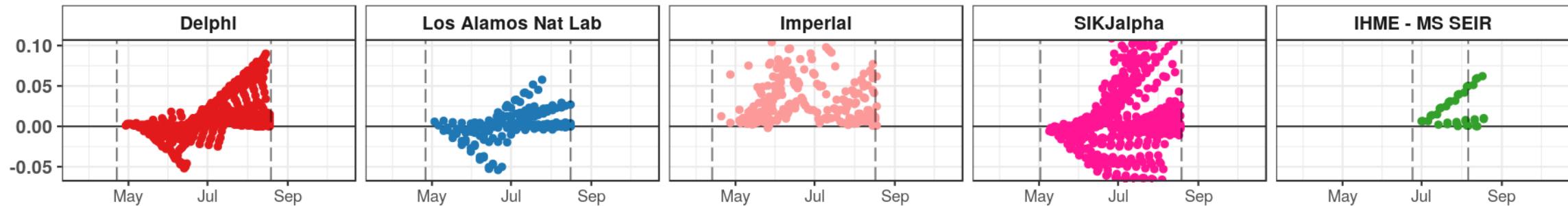
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



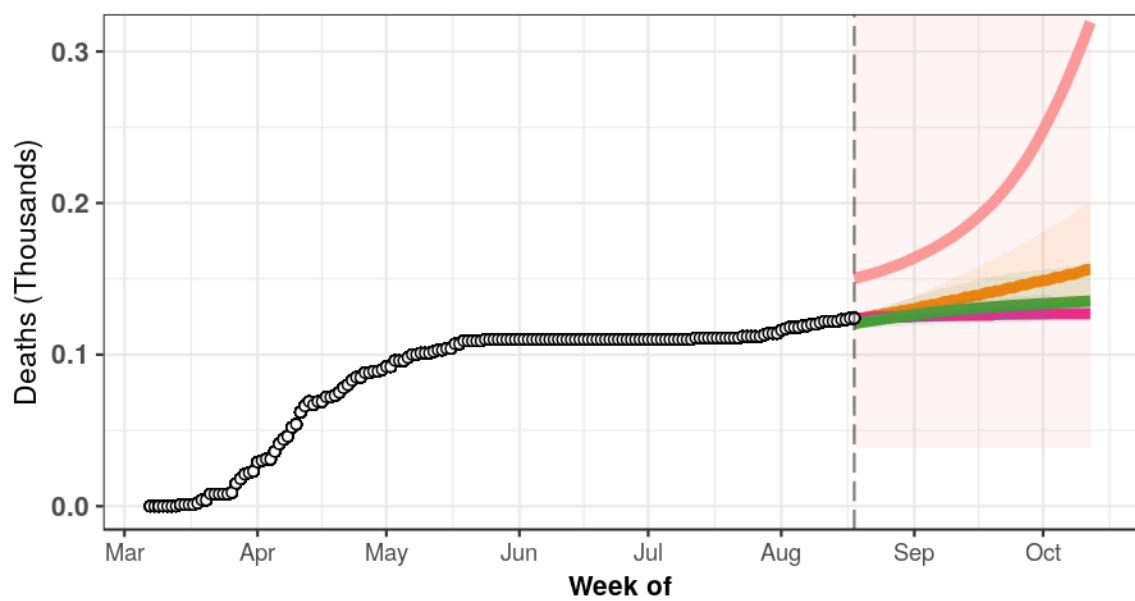
## All Cumulative Errors



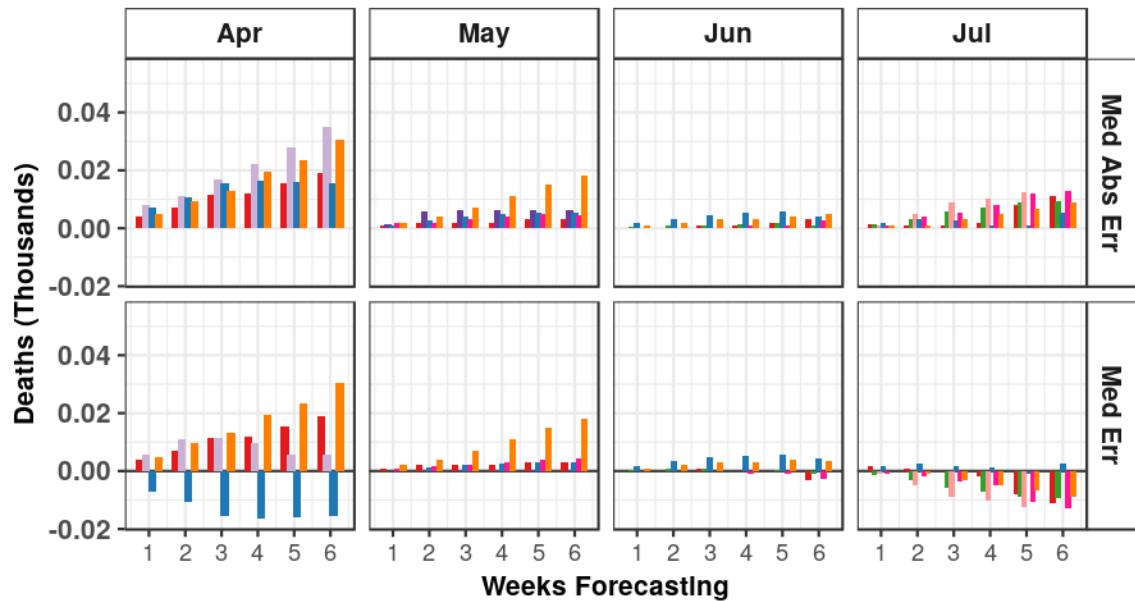
# Luxembourg

## Current Forecast

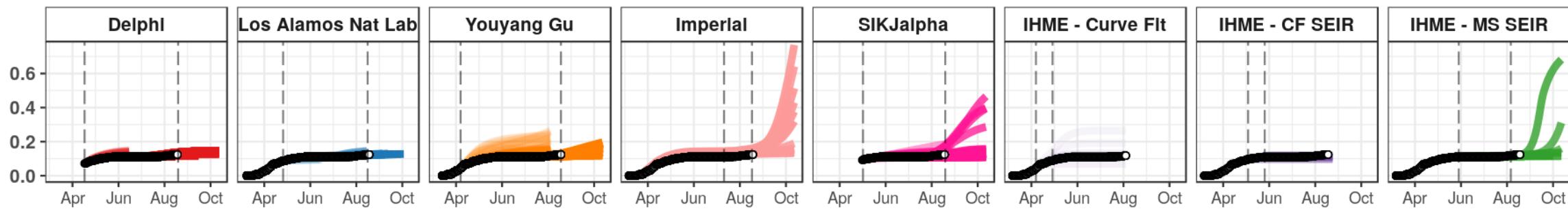
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



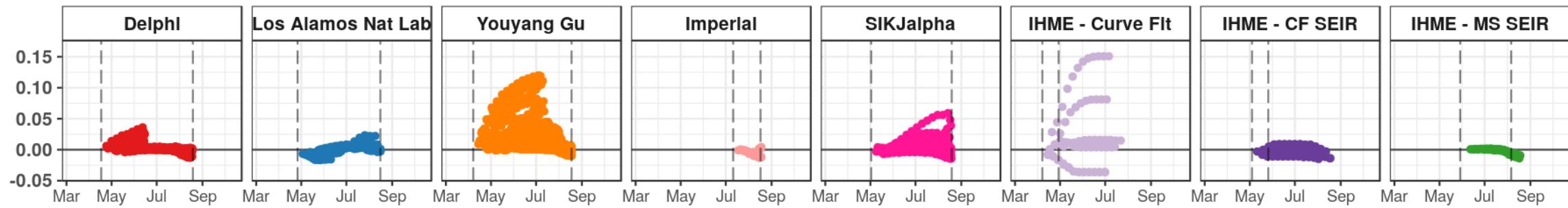
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



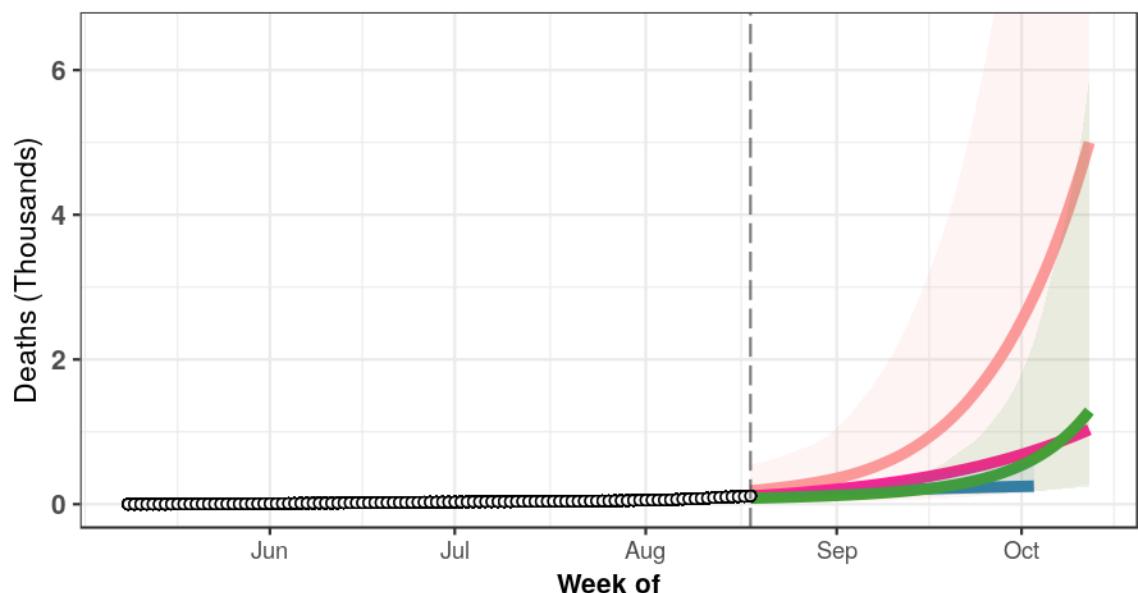
## All Cumulative Errors



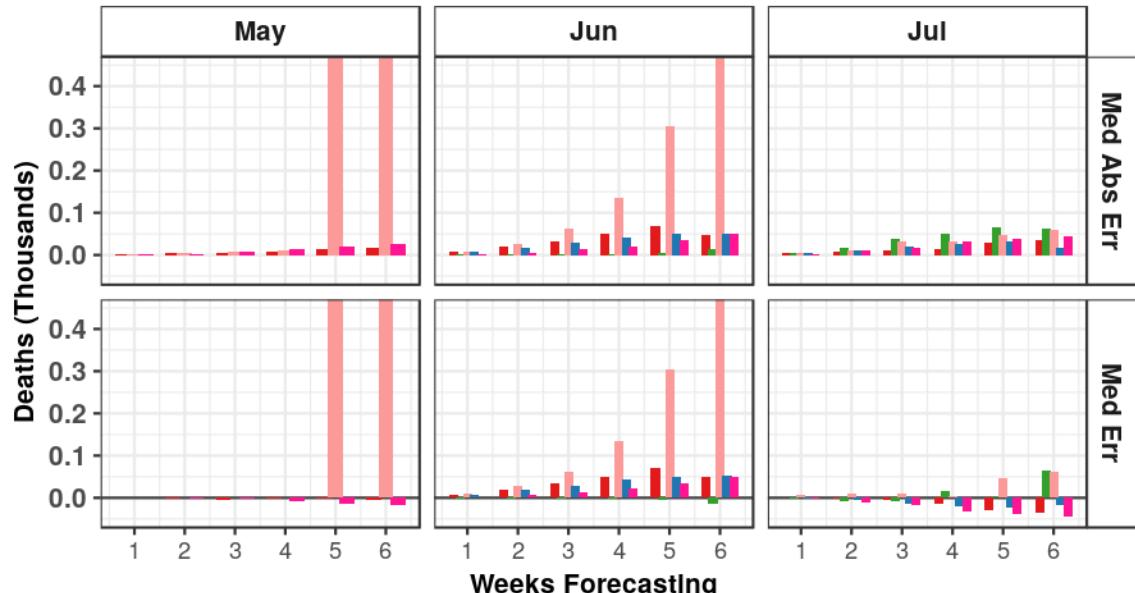
# Nepal

## Current Forecast

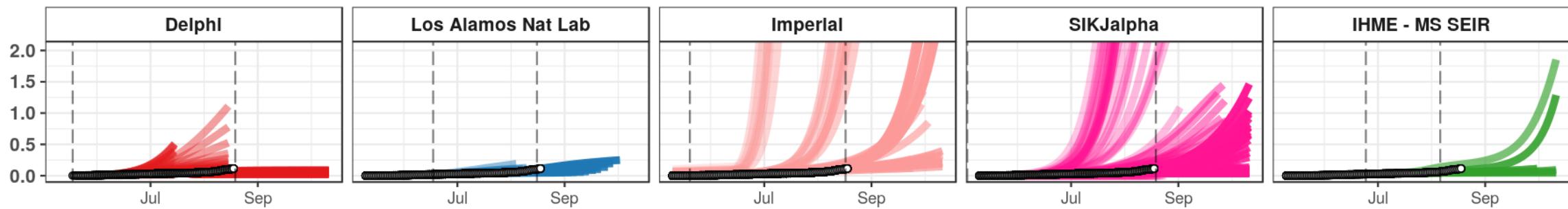
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



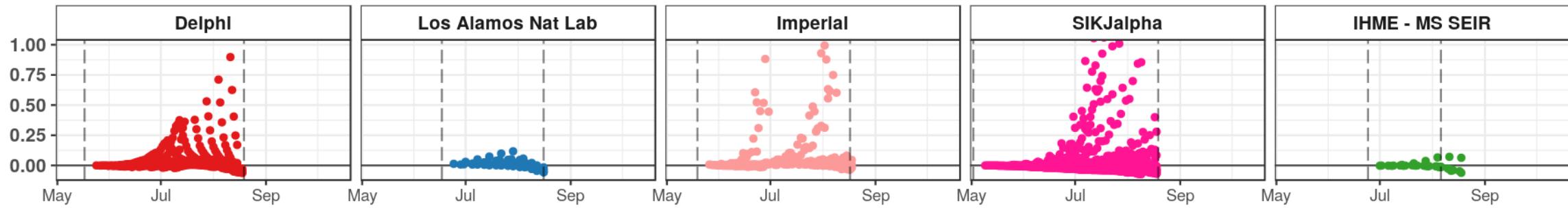
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



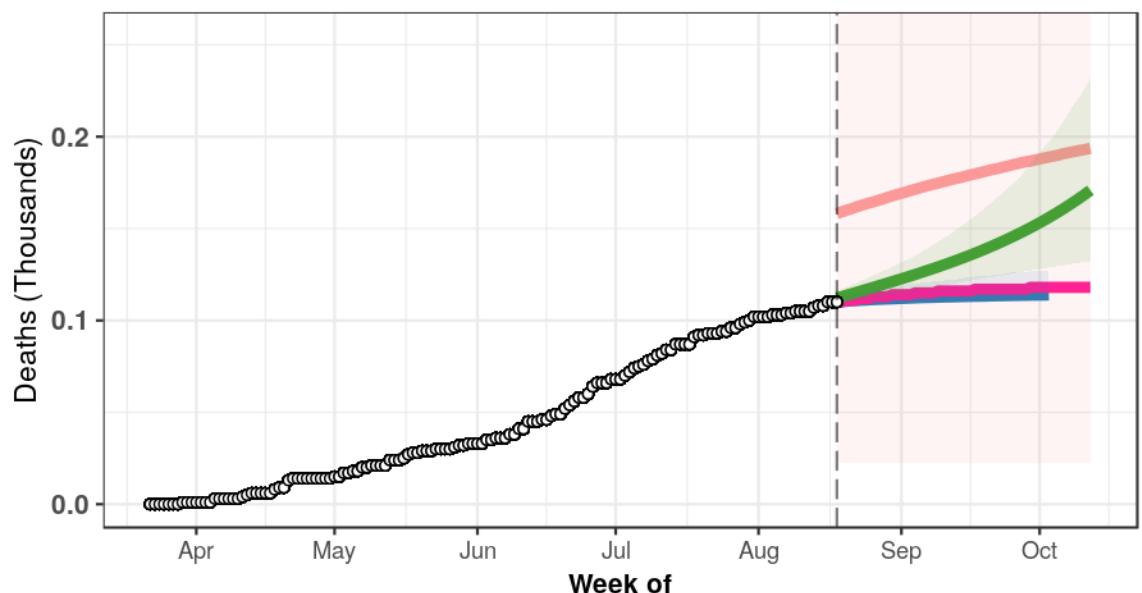
## All Cumulative Errors



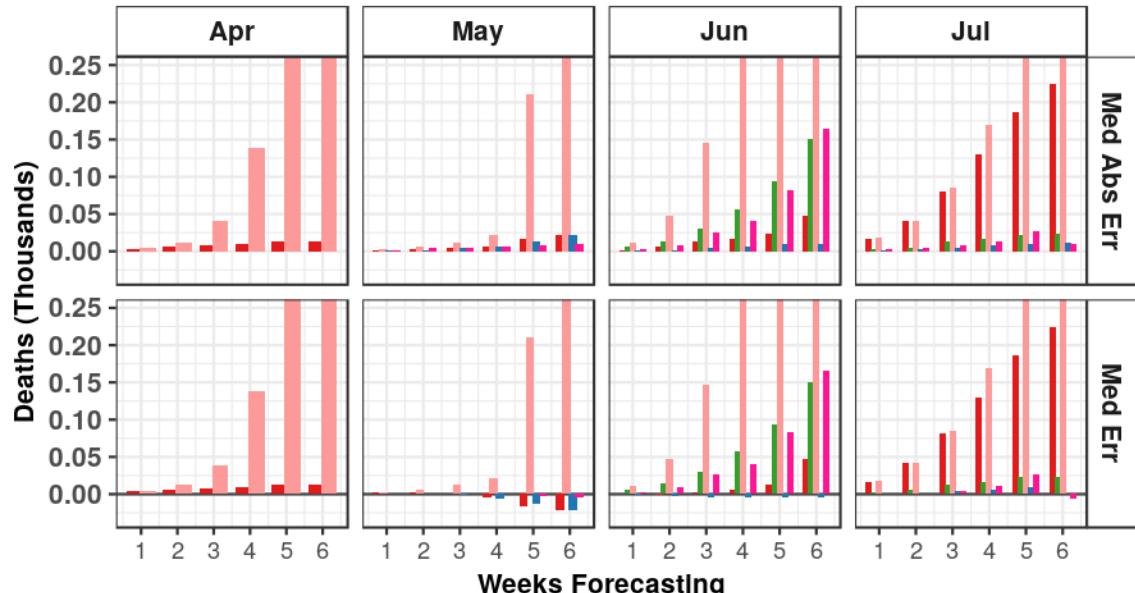
# Cote d'Ivoire

## Current Forecast

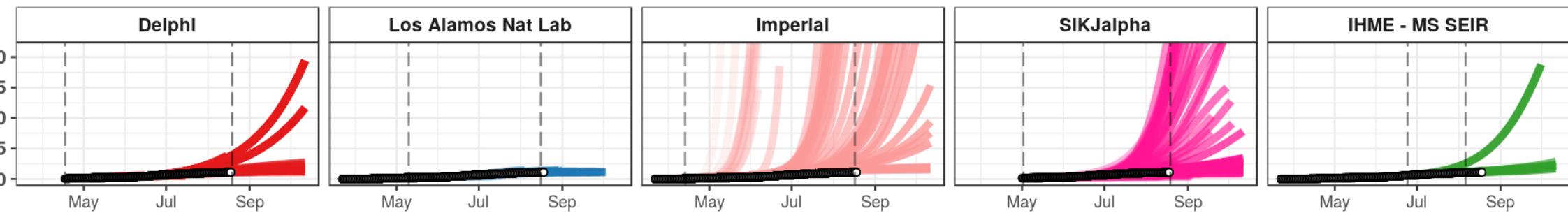
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



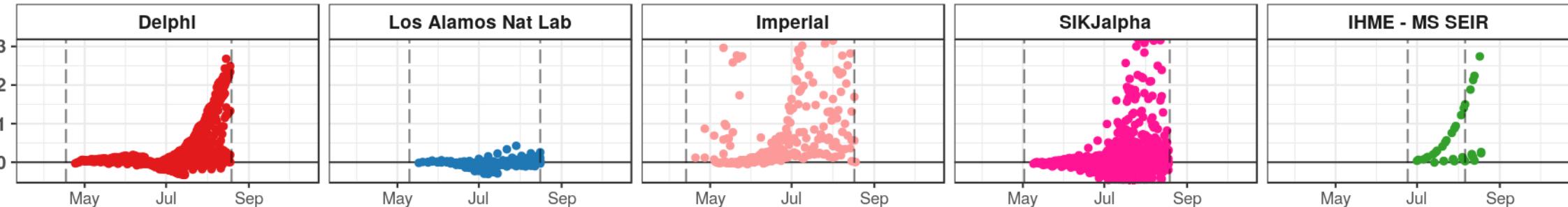
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



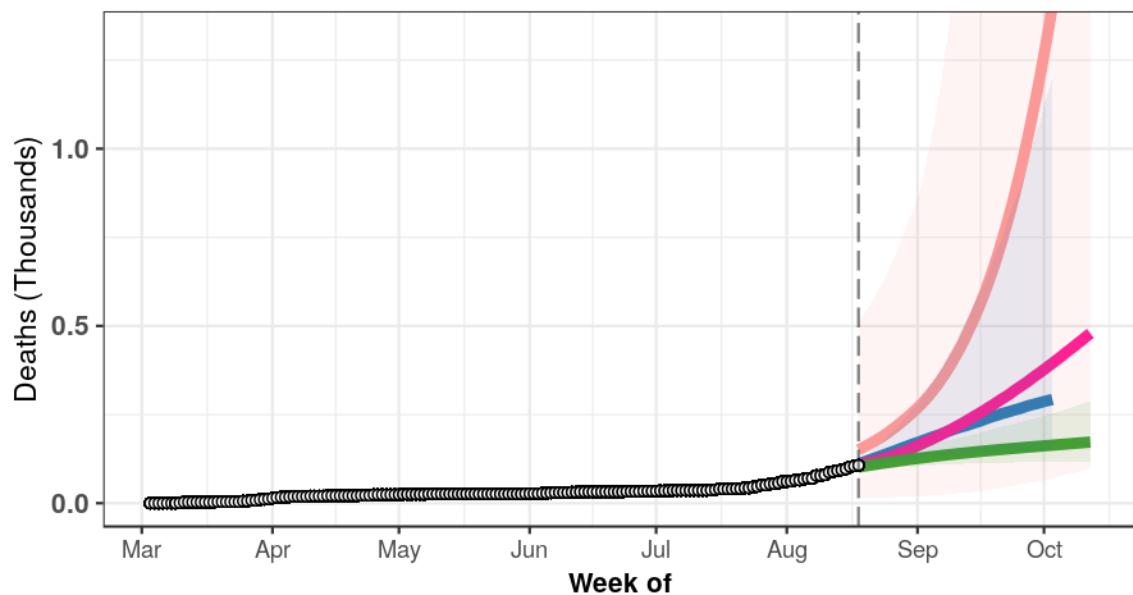
## All Cumulative Errors



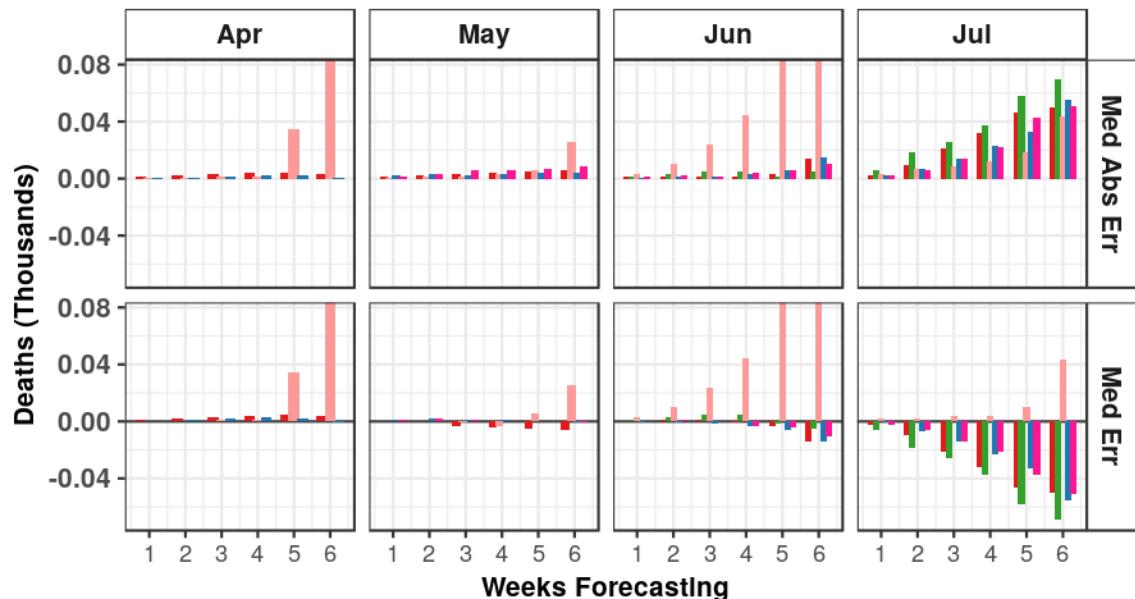
# Lebanon

## Current Forecast

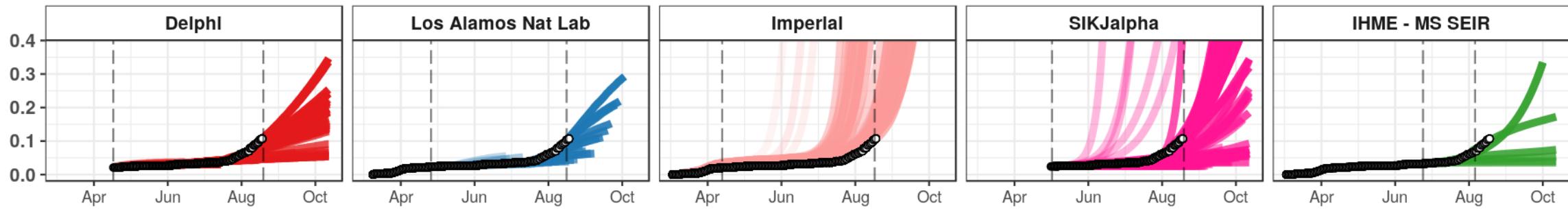
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



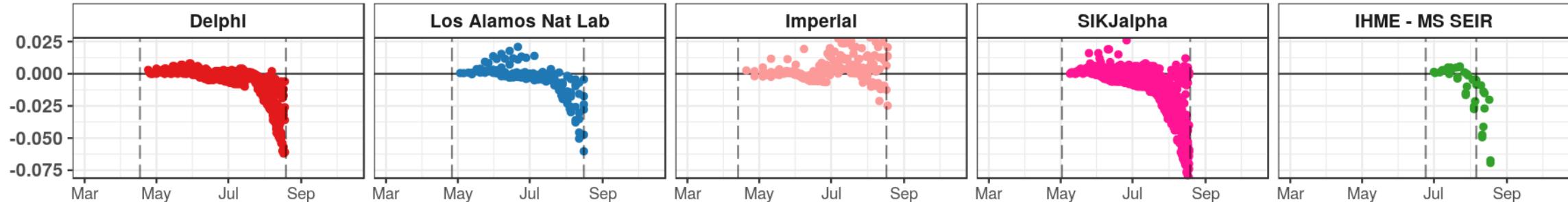
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



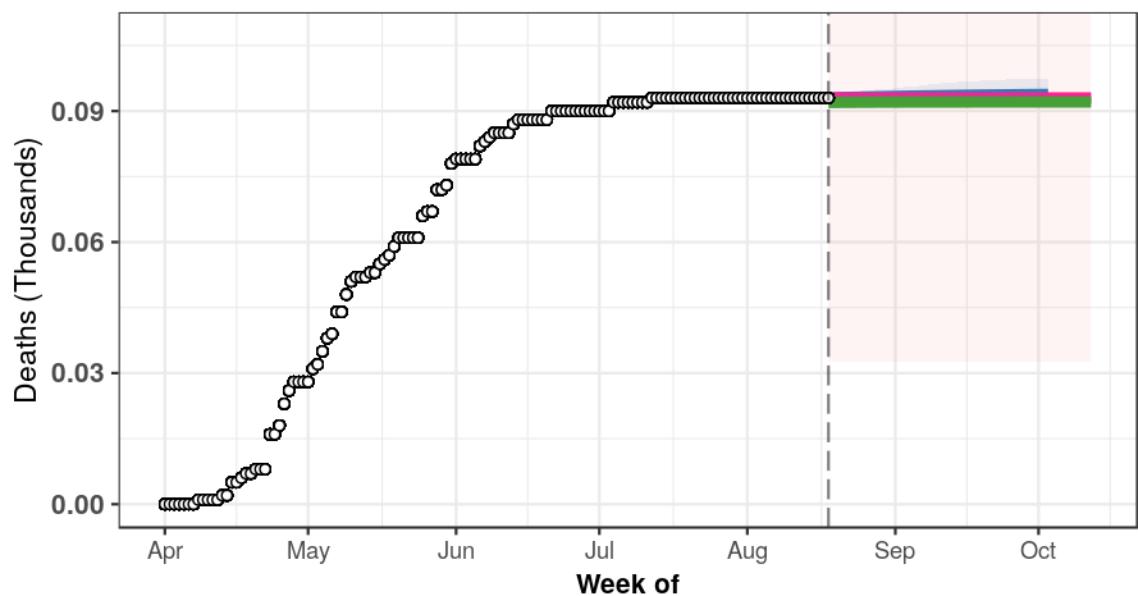
## All Cumulative Errors



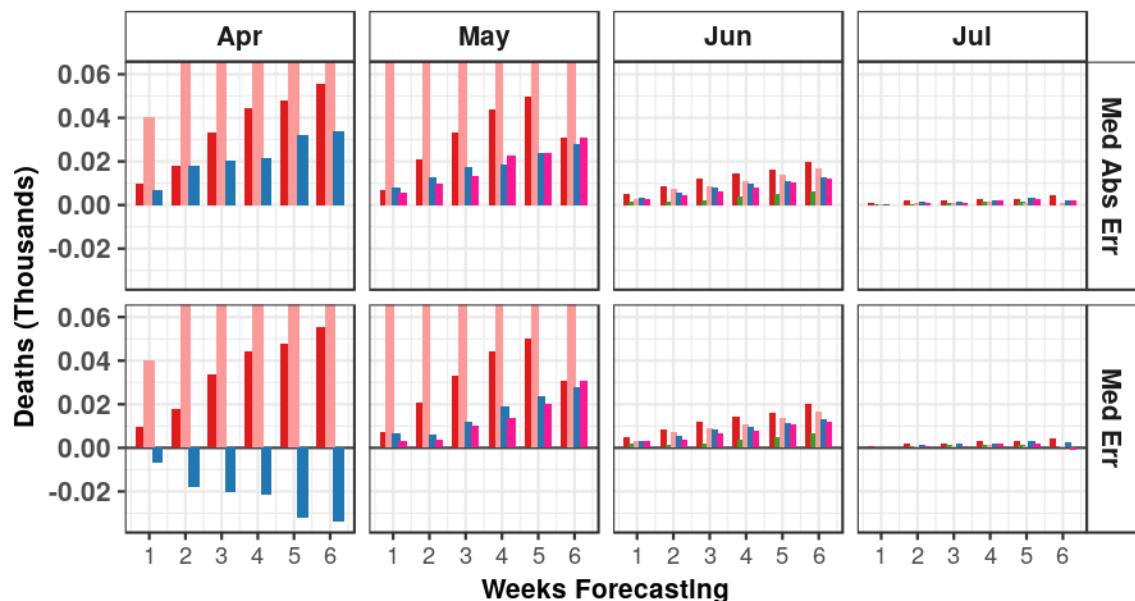
# Somalia

## Current Forecast

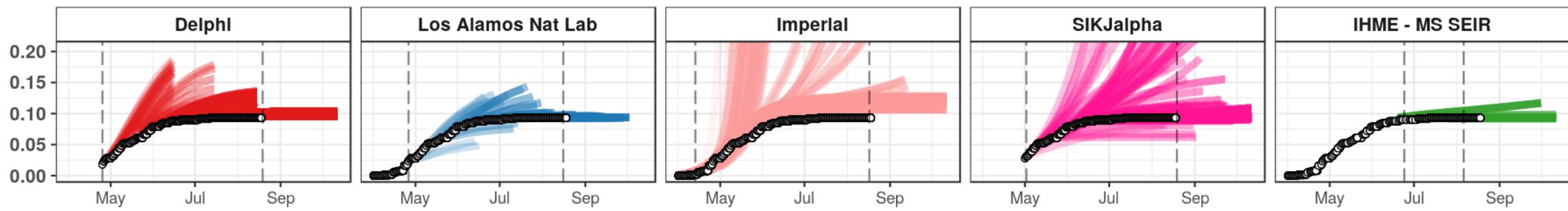
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



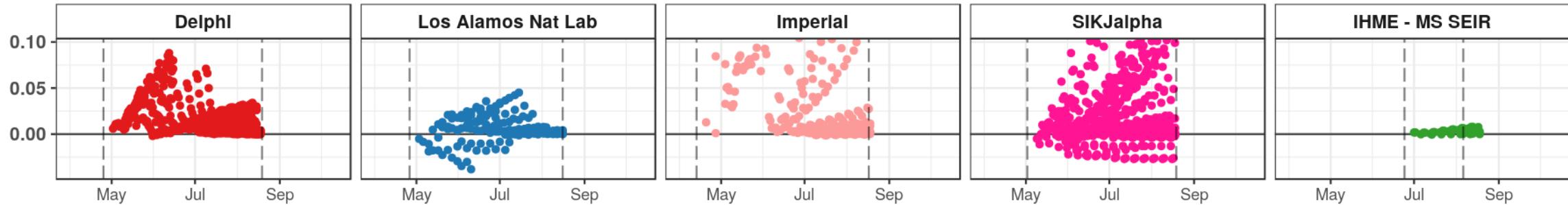
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



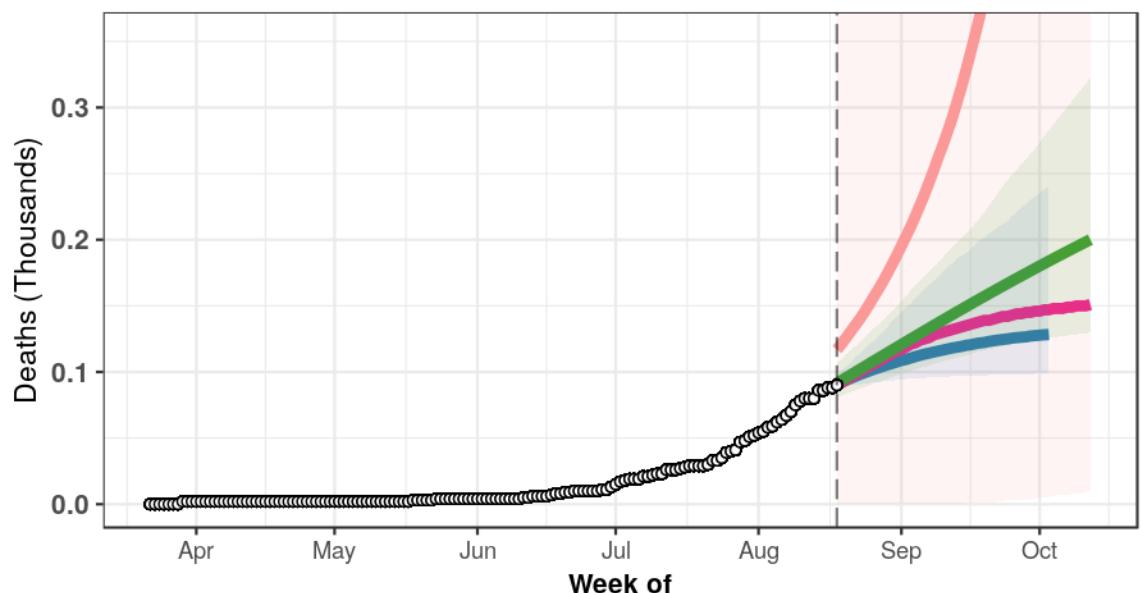
## All Cumulative Errors



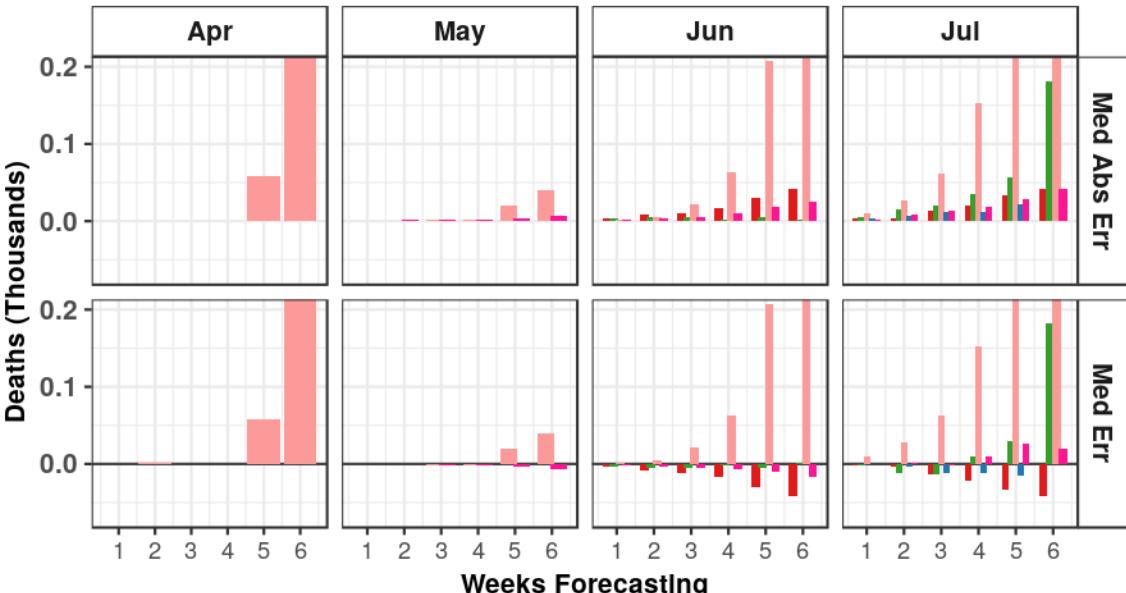
# Angola

## Current Forecast

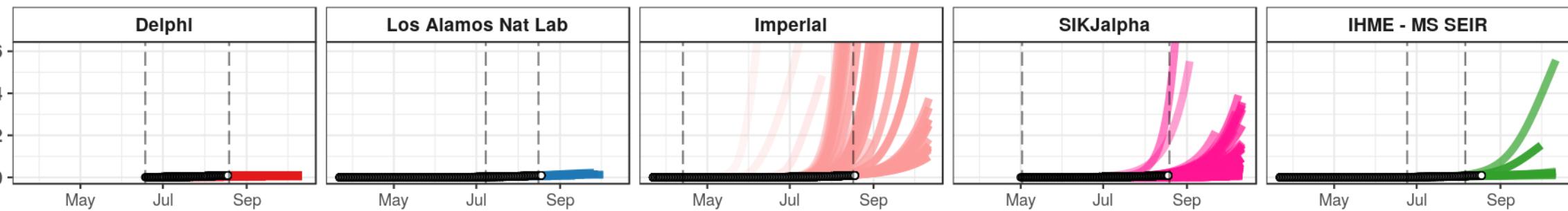
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



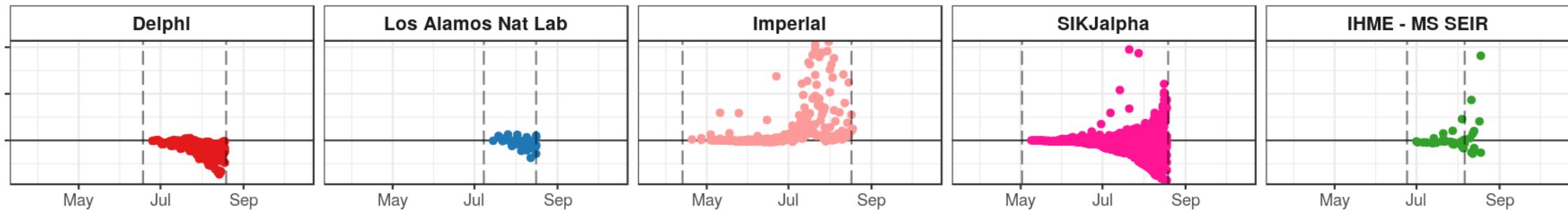
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



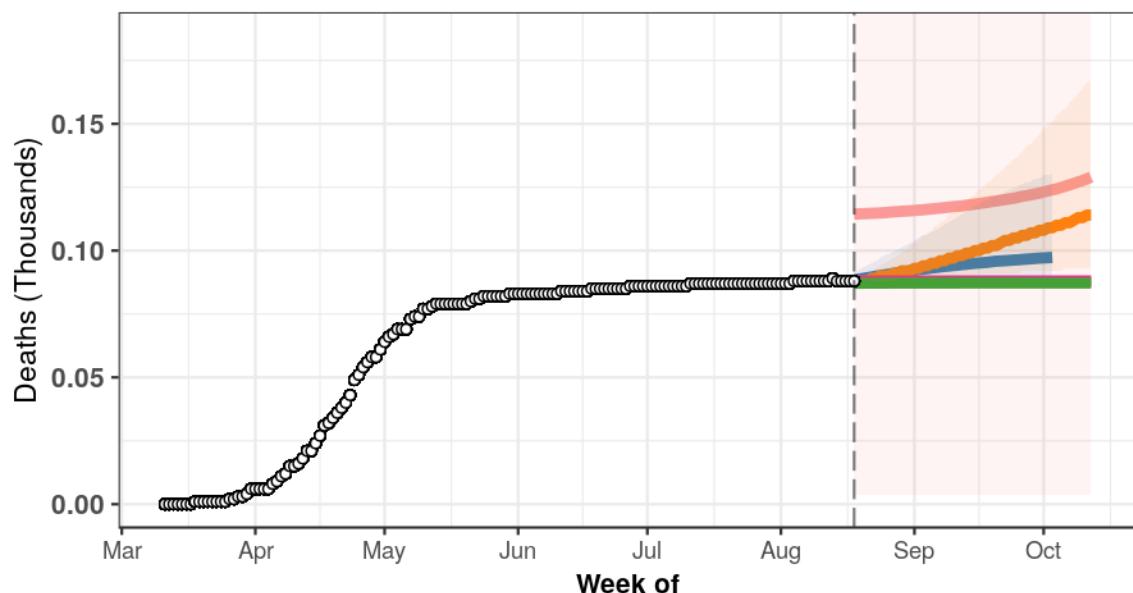
## All Cumulative Errors



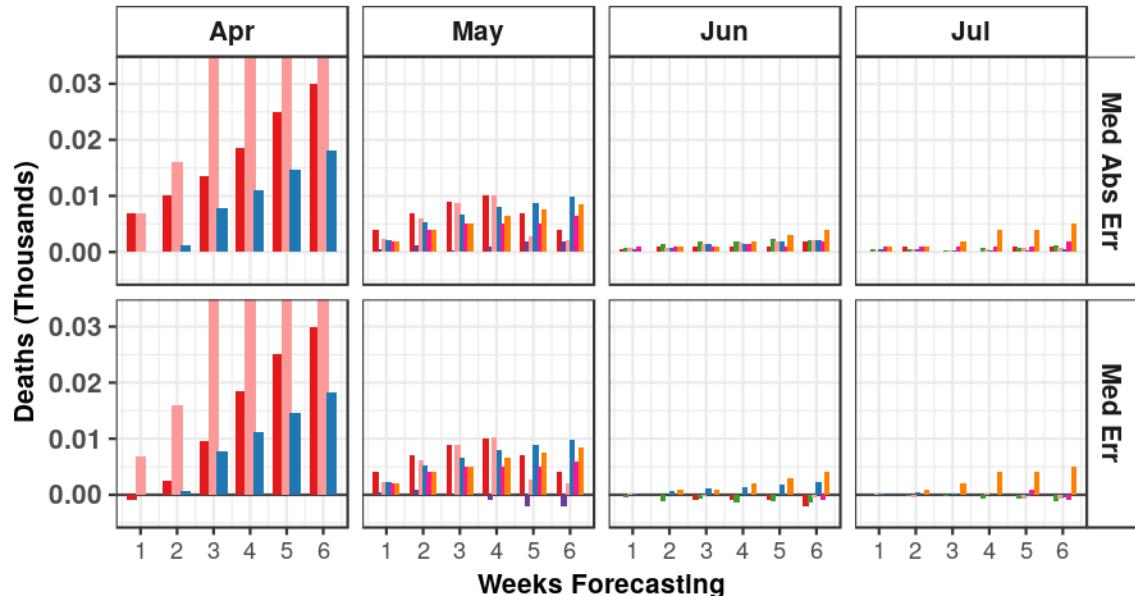
# Cuba

## Current Forecast

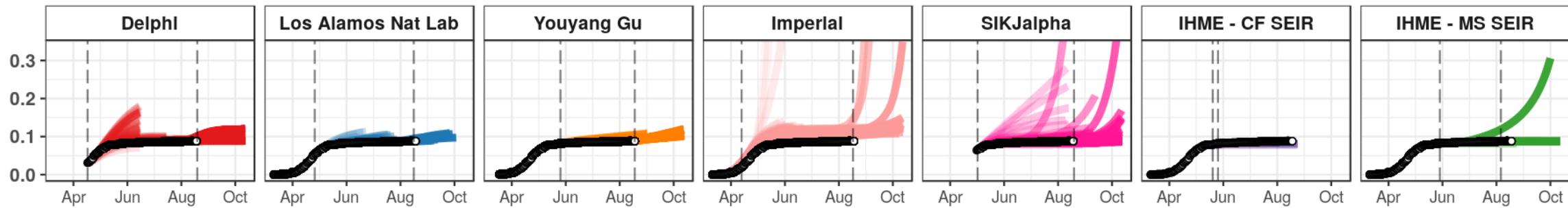
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



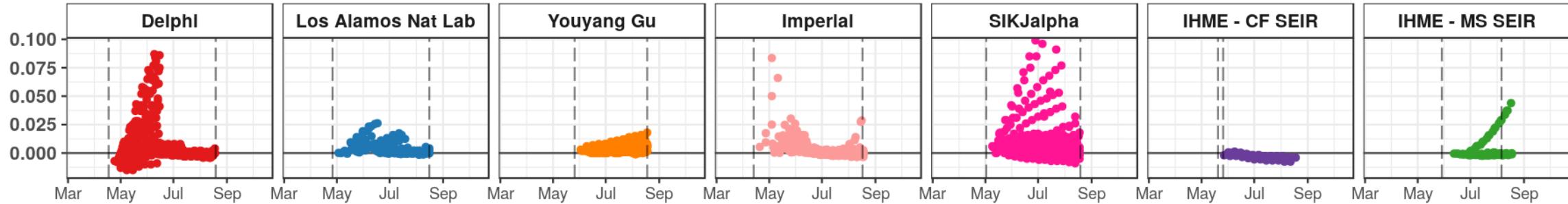
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



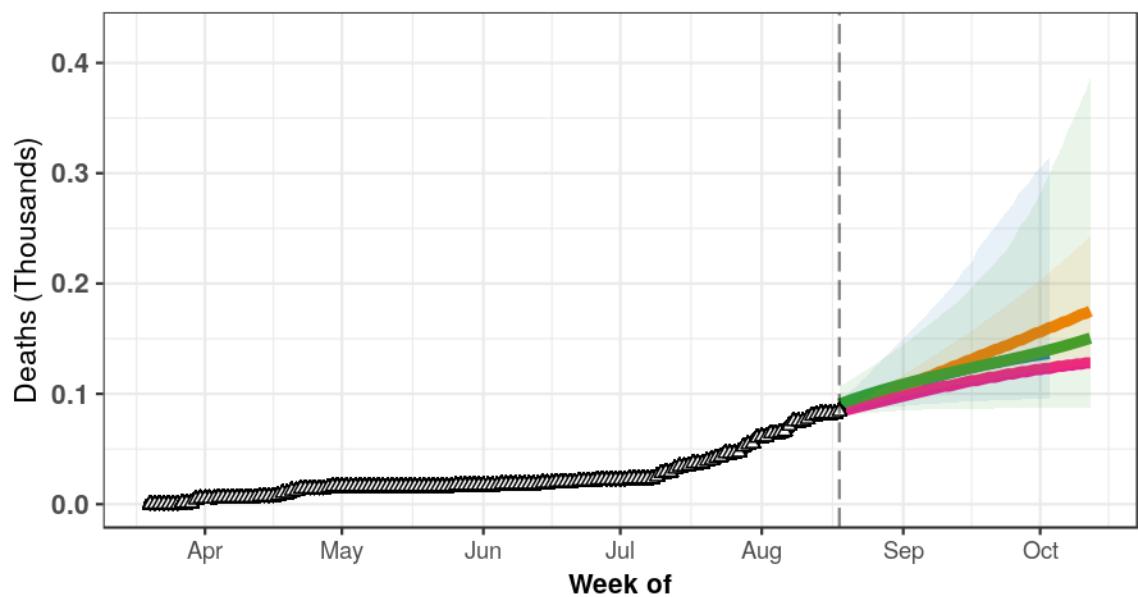
## All Cumulative Errors



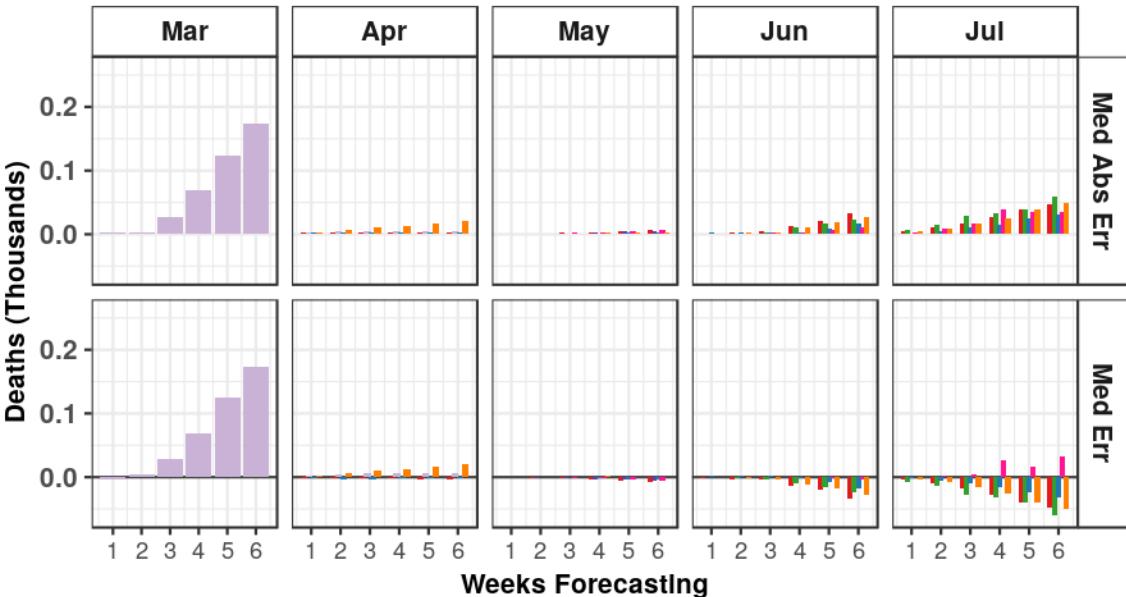
# Montana

## Current Forecast

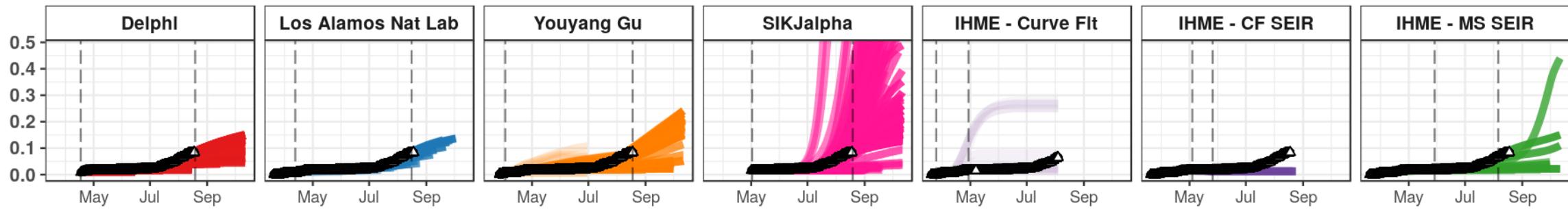
Los Alamos Nat Lab Youyang Gu SIKJalpha IHME - MS SEIR JHU NY



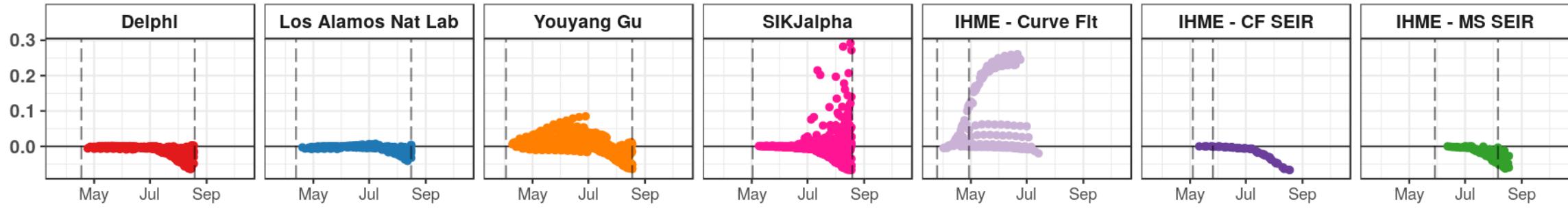
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



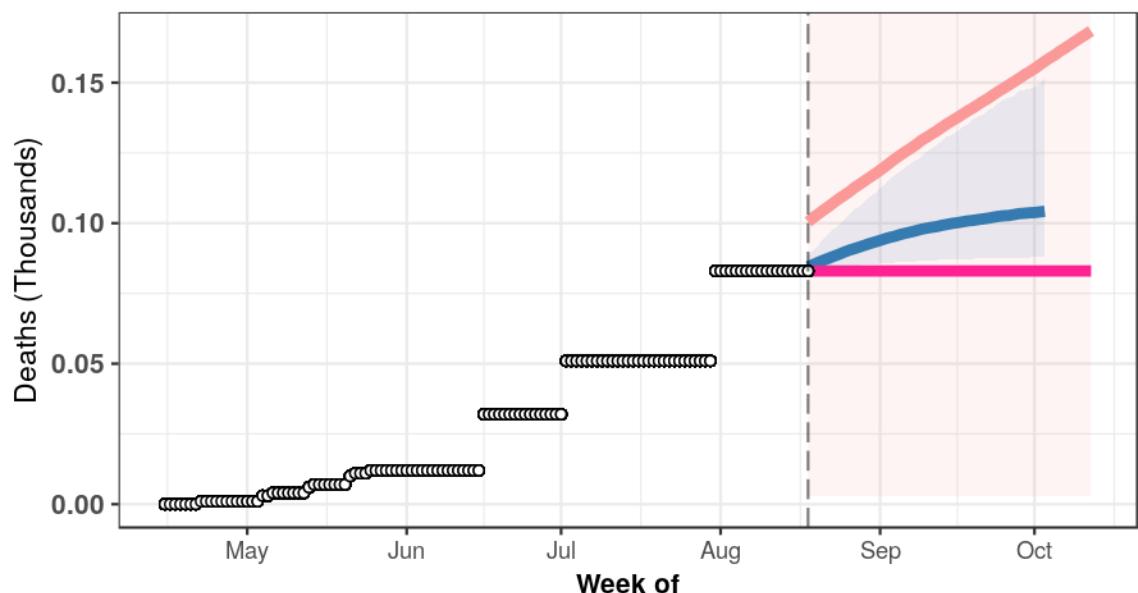
## All Cumulative Errors



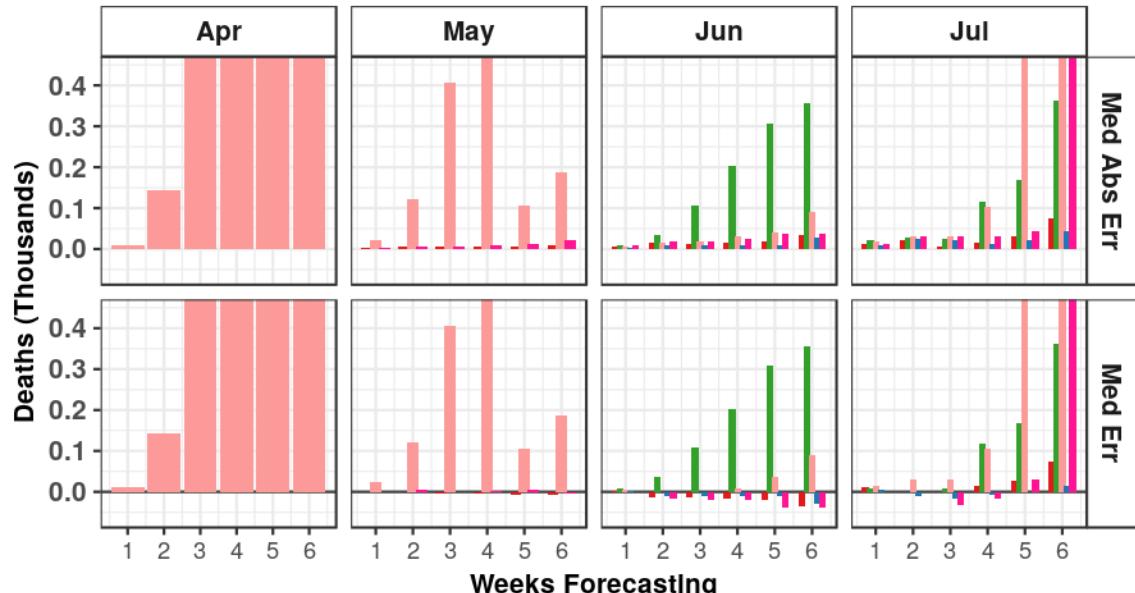
# Equatorial Guinea

## Current Forecast

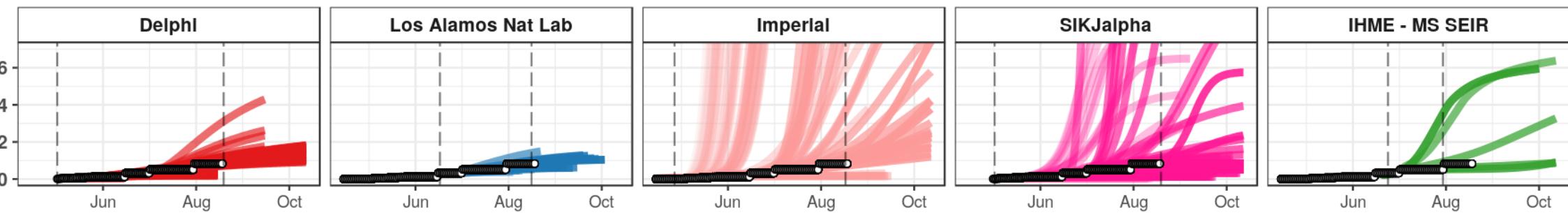
Los Alamos Nat Lab   Imperial   SIKJalpha



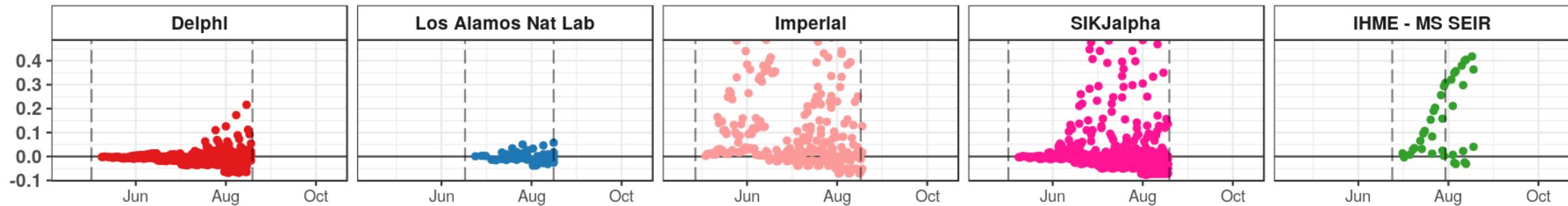
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



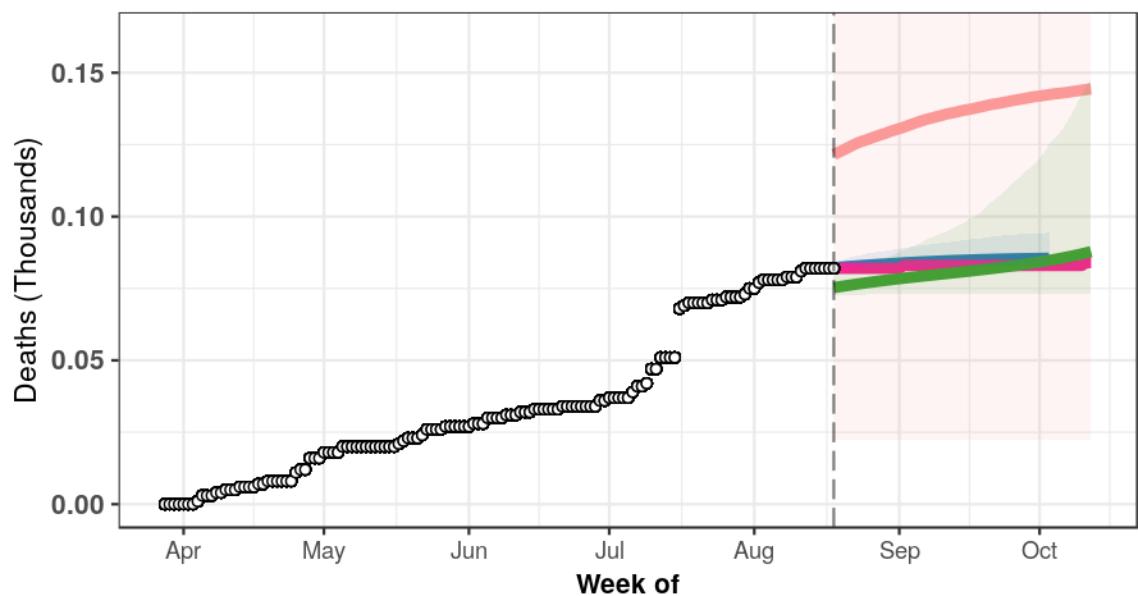
## All Cumulative Errors



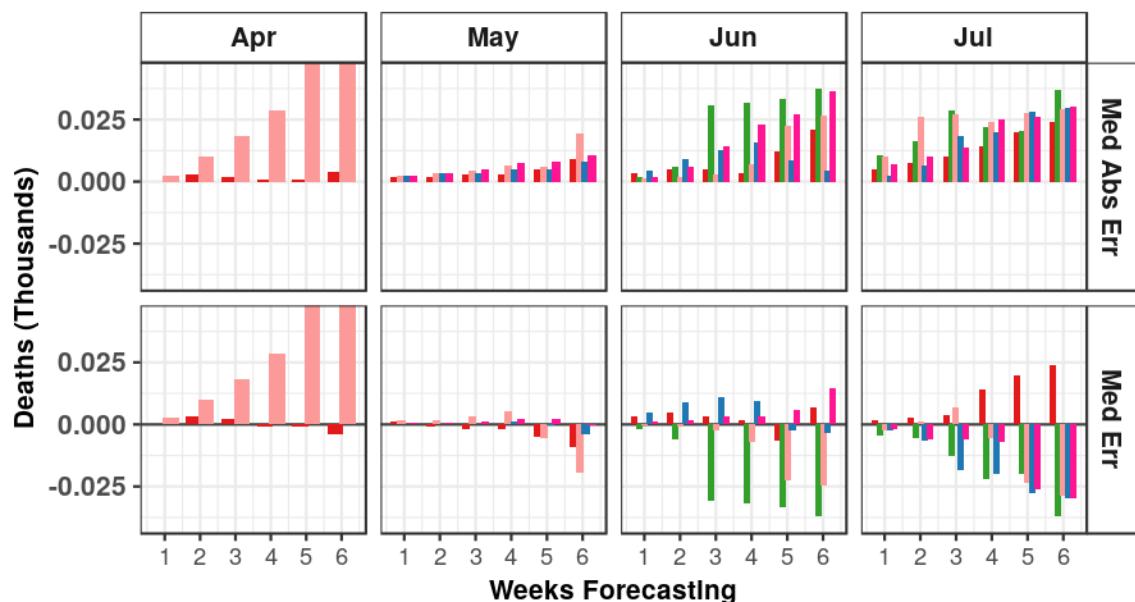
# Liberia

## Current Forecast

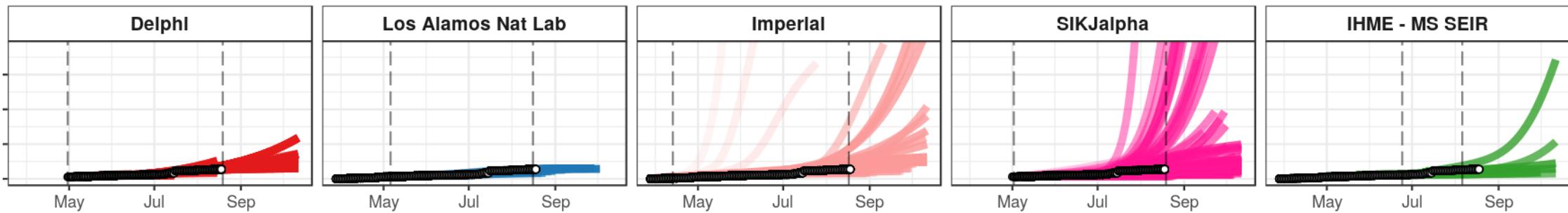
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



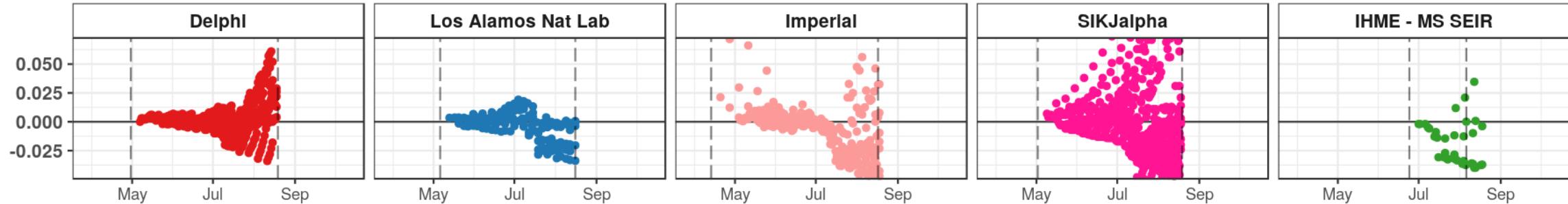
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

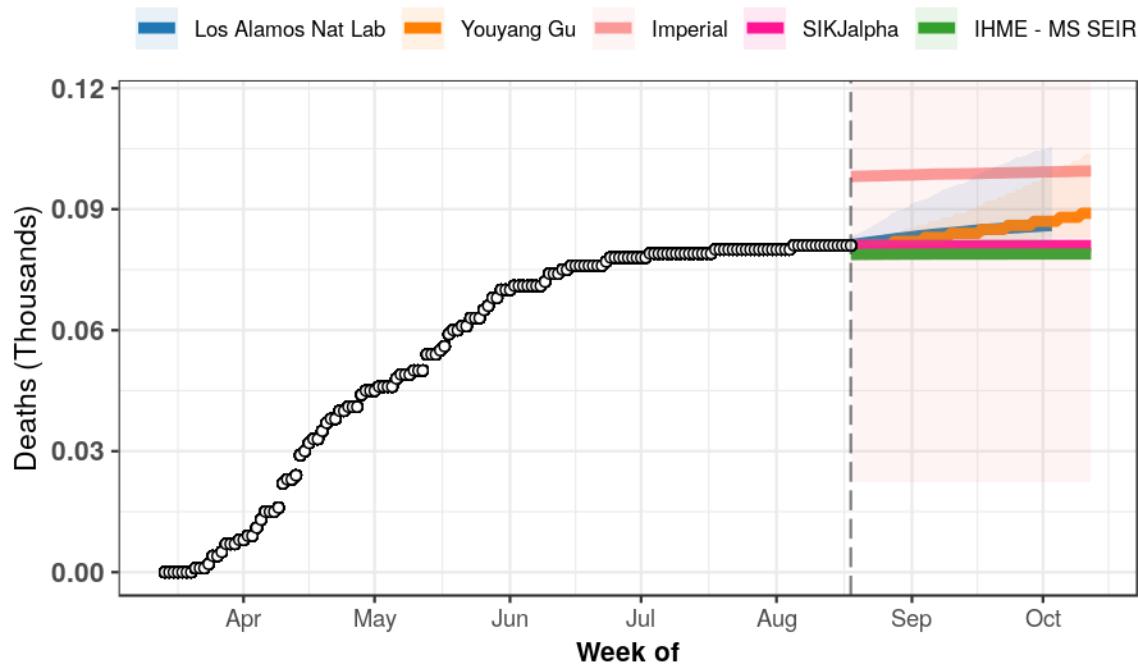


## All Cumulative Errors

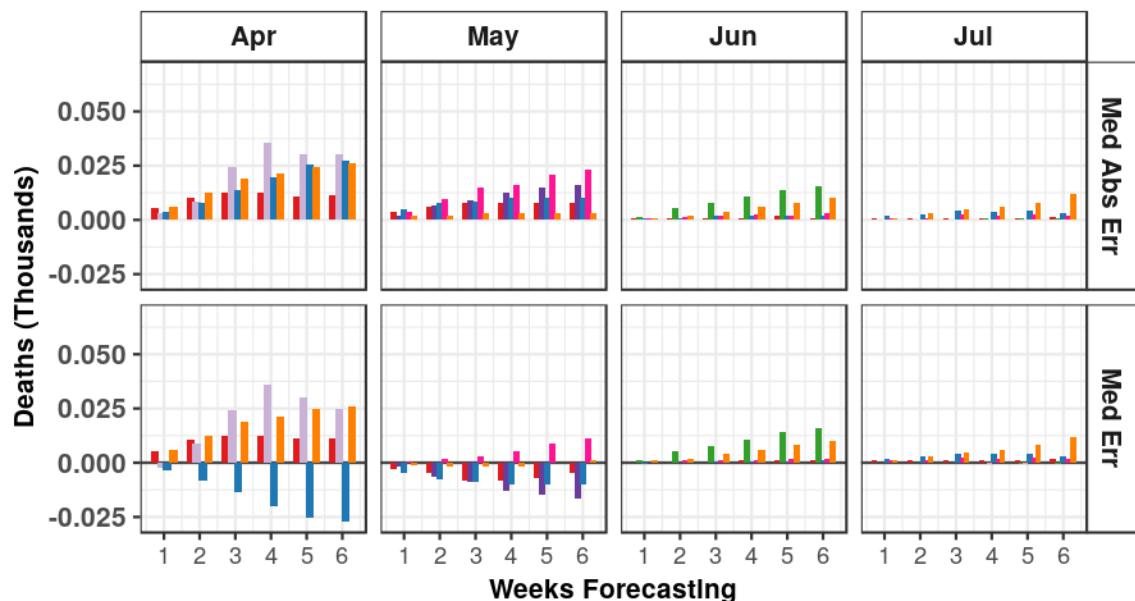


# Lithuania

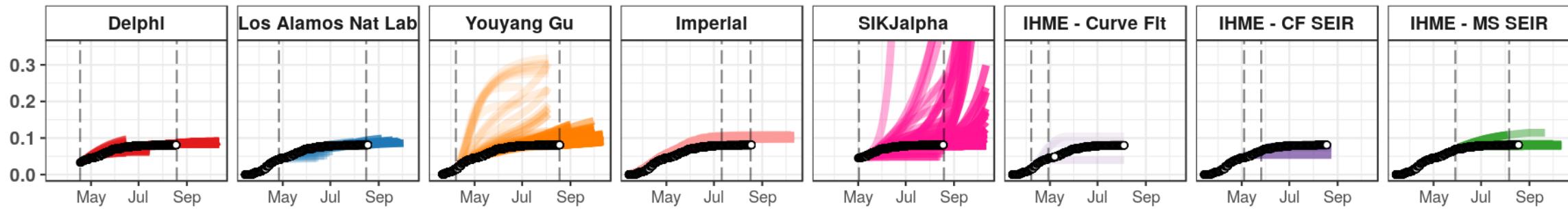
## Current Forecast



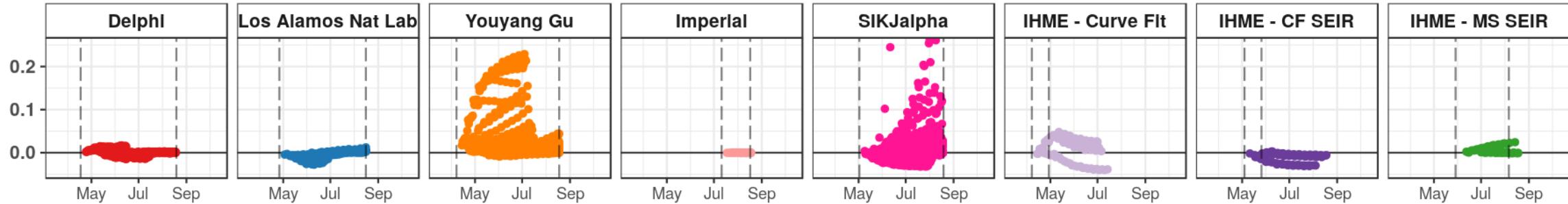
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



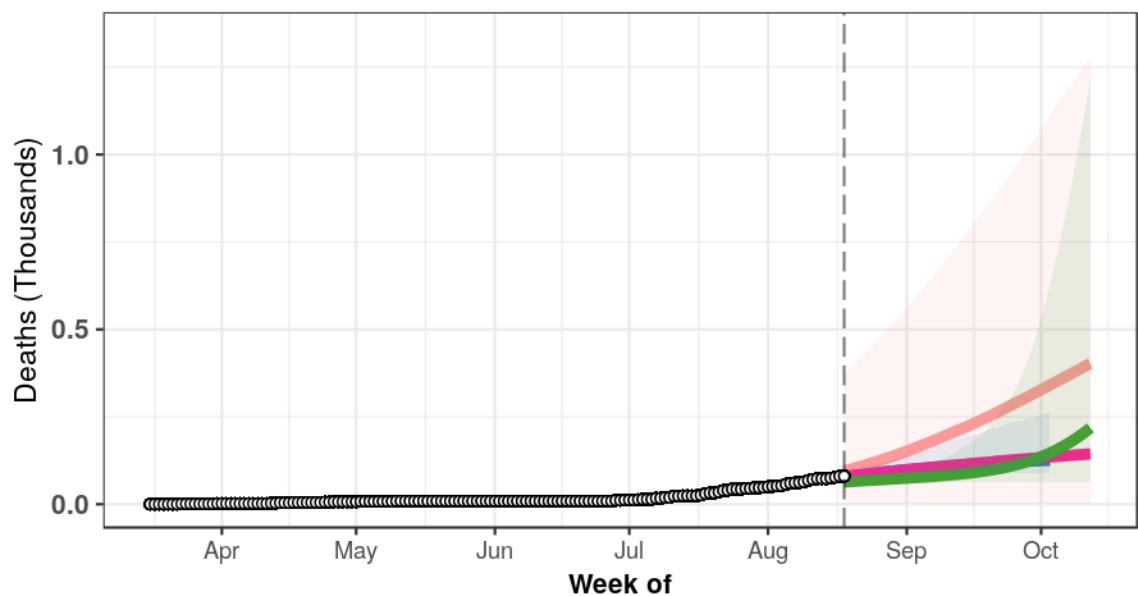
## All Cumulative Errors



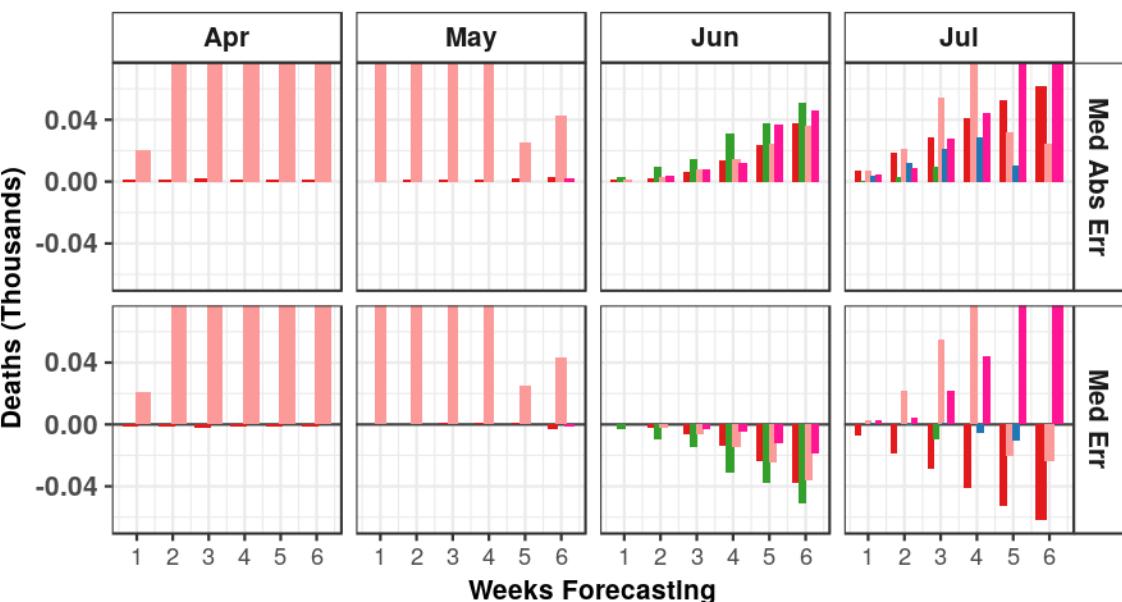
# Montenegro

## Current Forecast

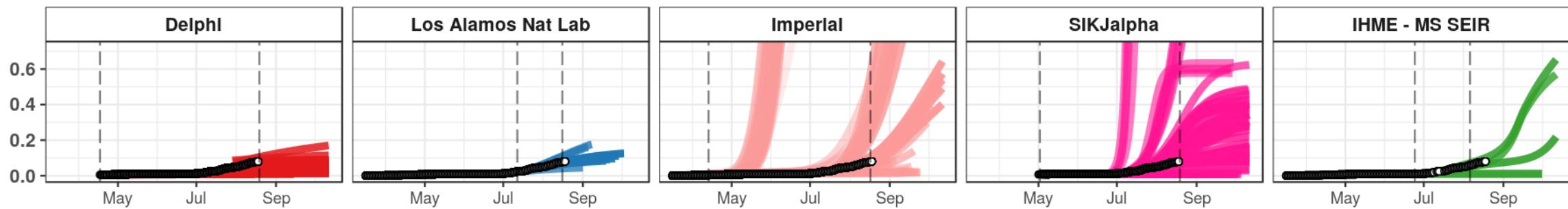
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



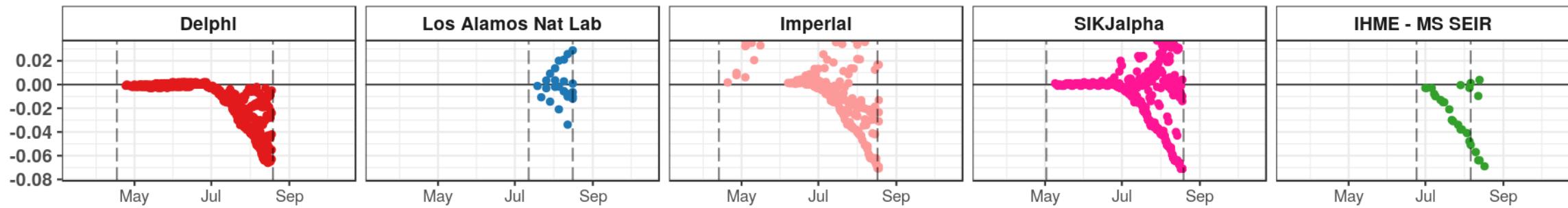
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

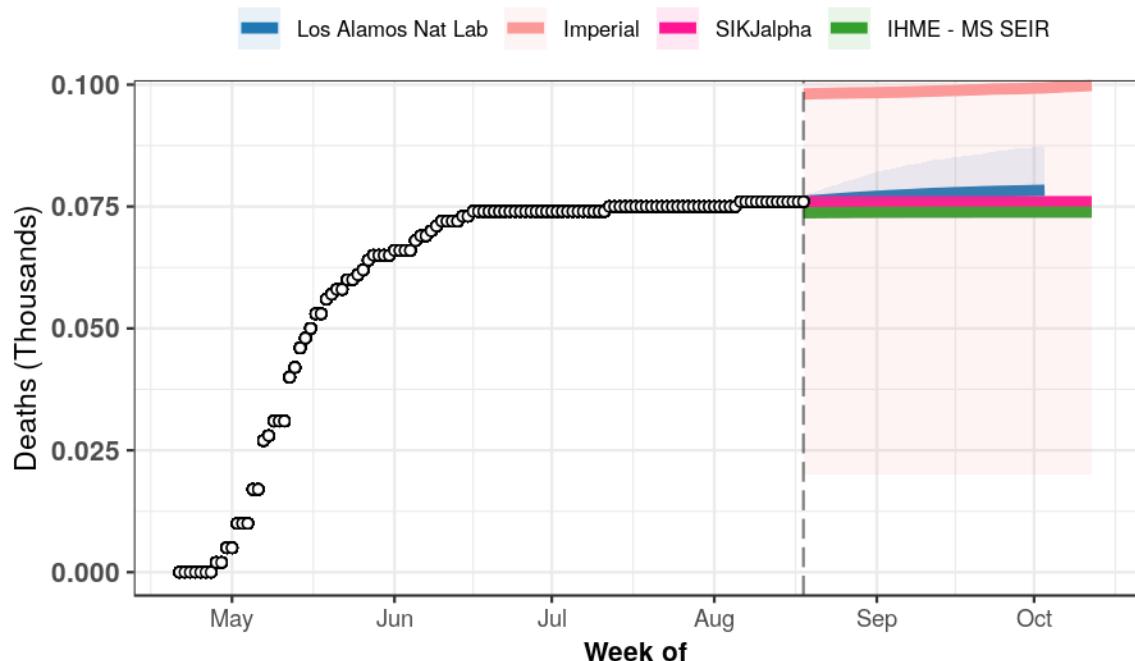


## All Cumulative Errors

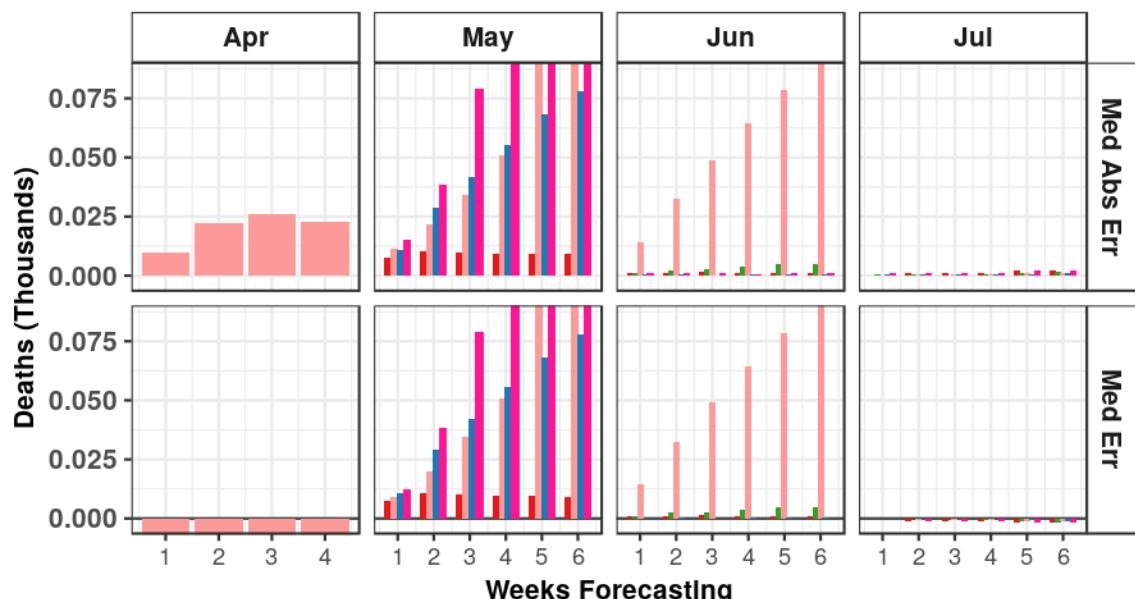


# Chad

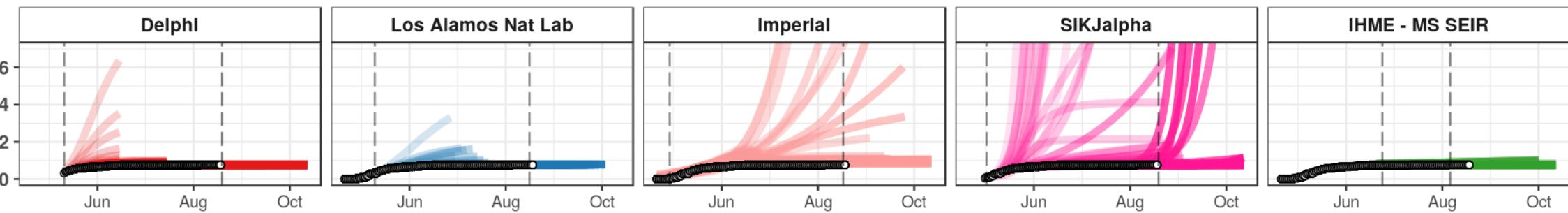
## Current Forecast



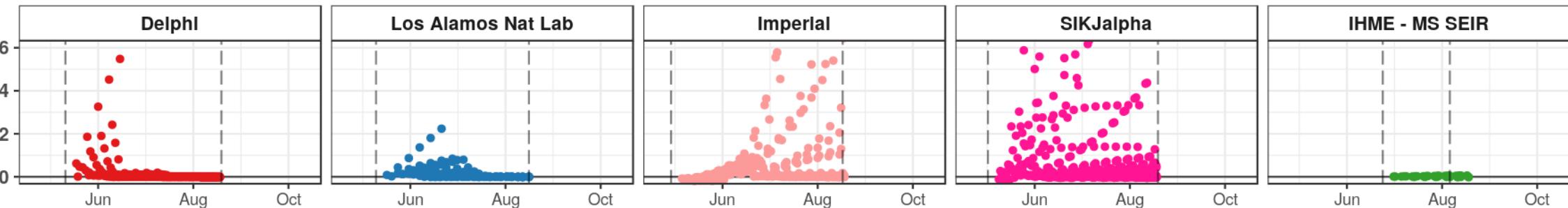
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



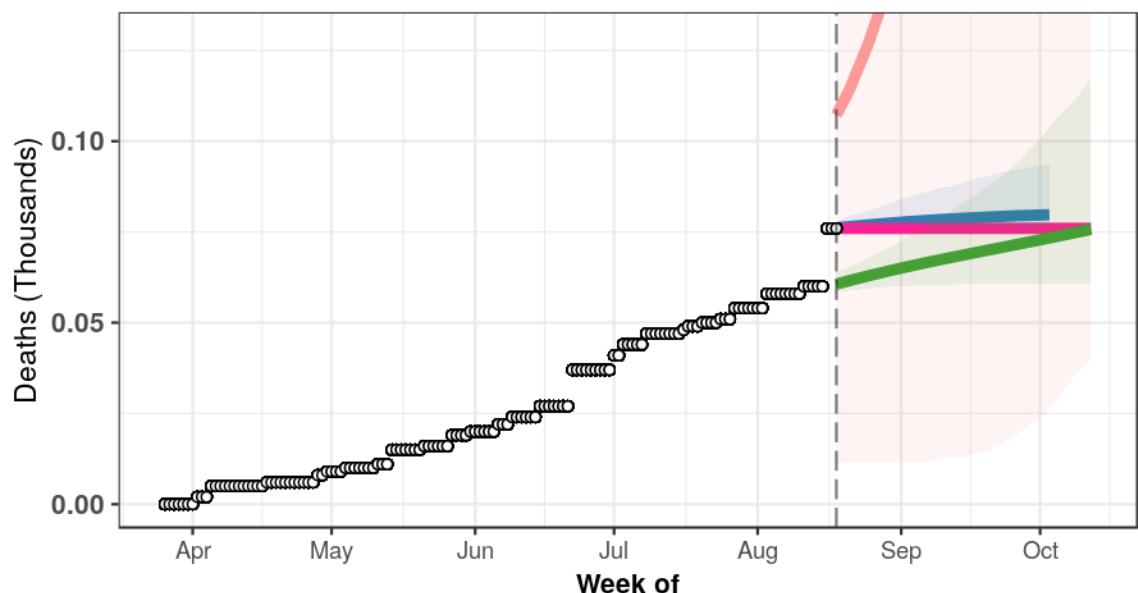
## All Cumulative Errors



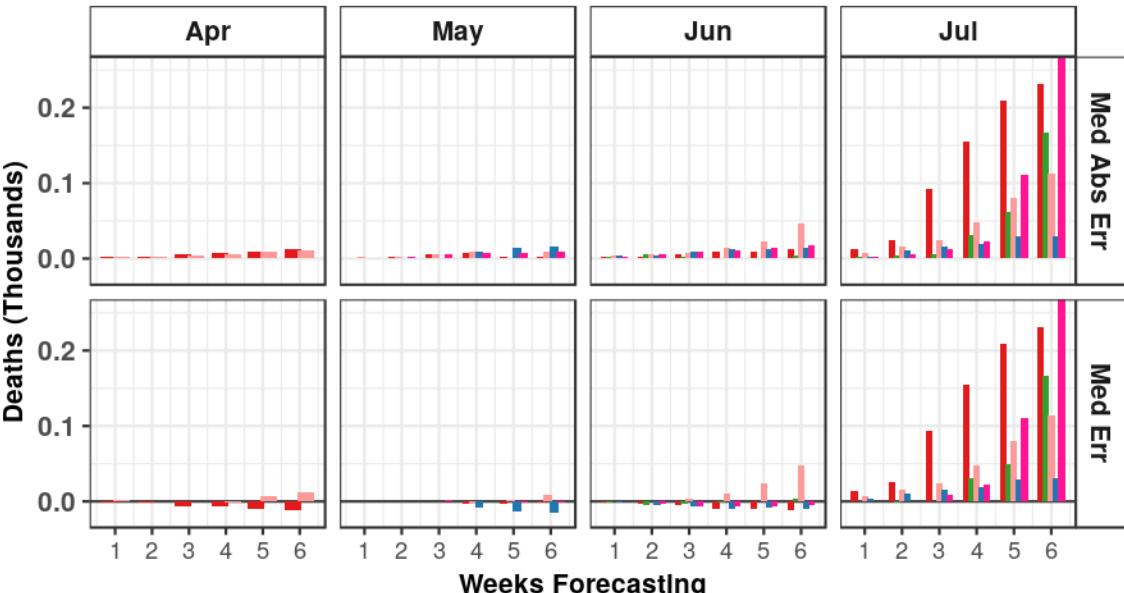
# Congo

## Current Forecast

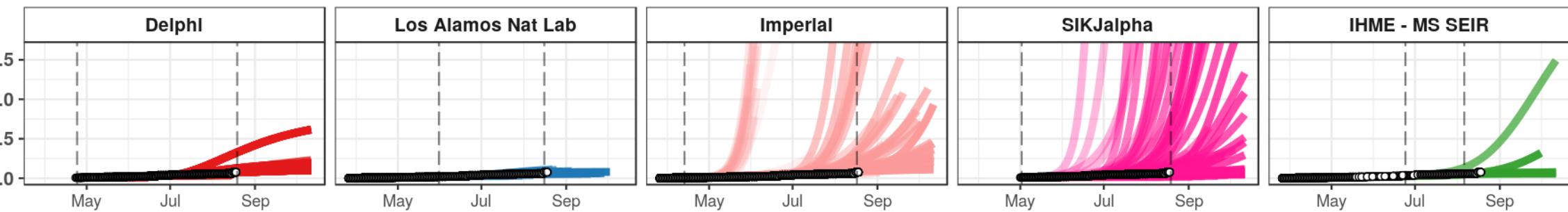
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



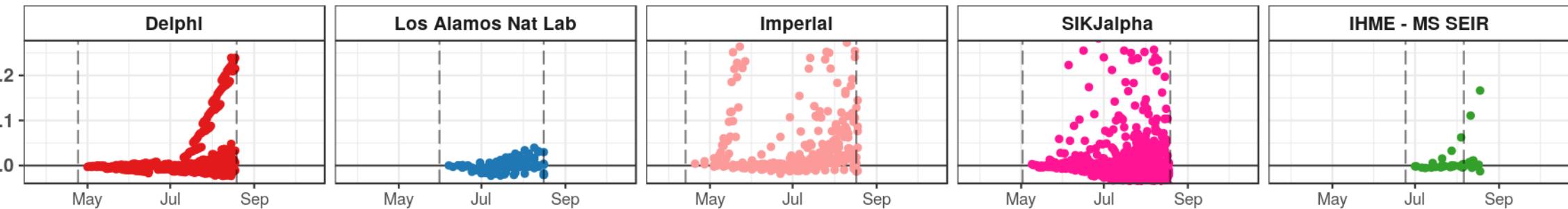
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



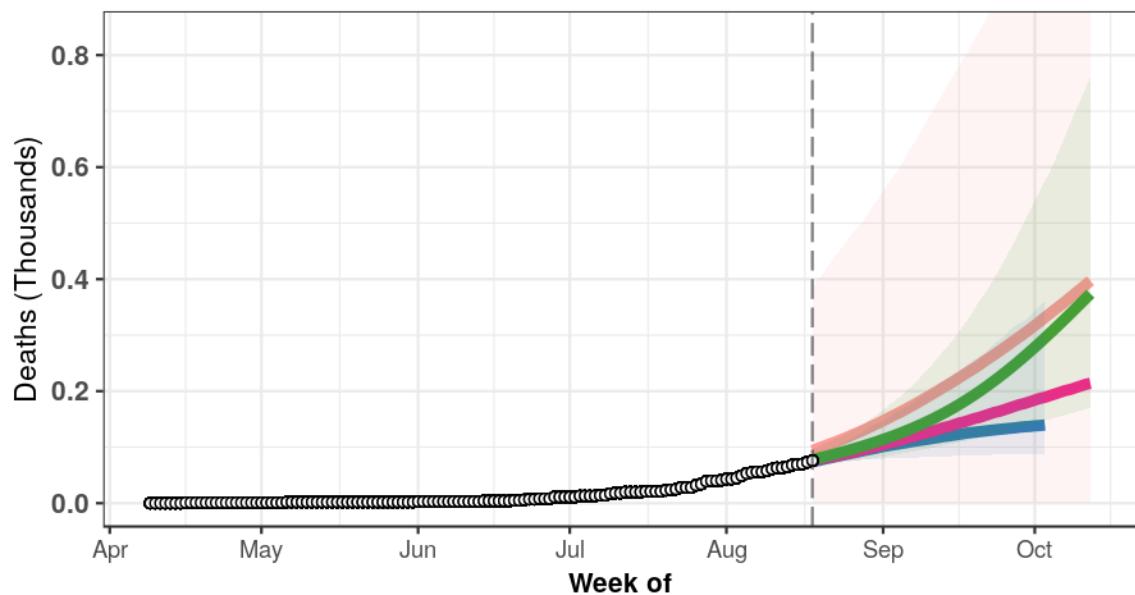
## All Cumulative Errors



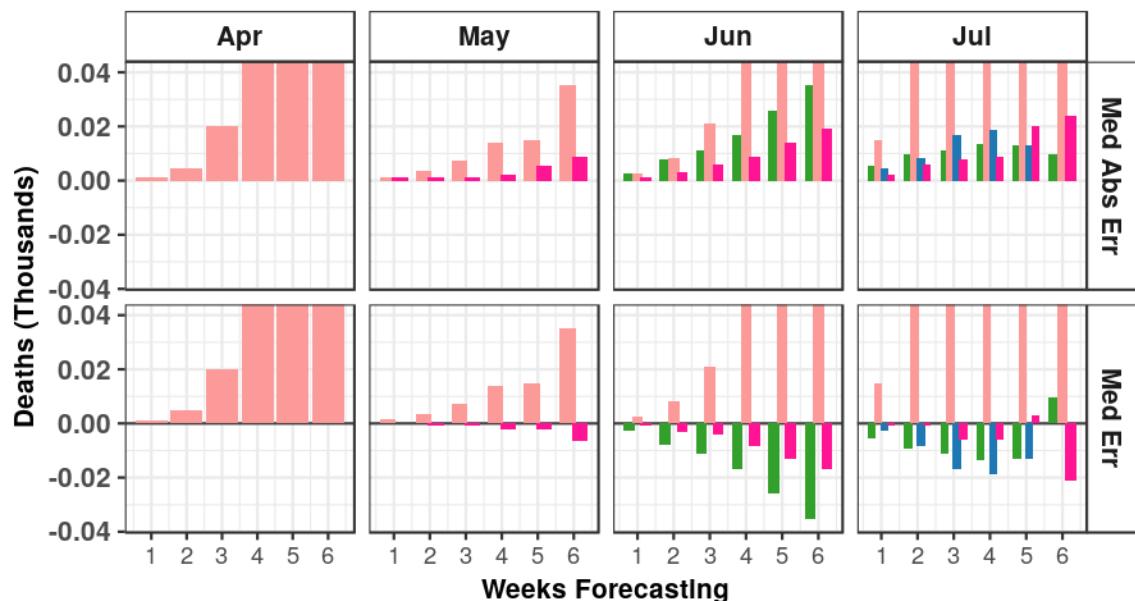
# Swaziland

## Current Forecast

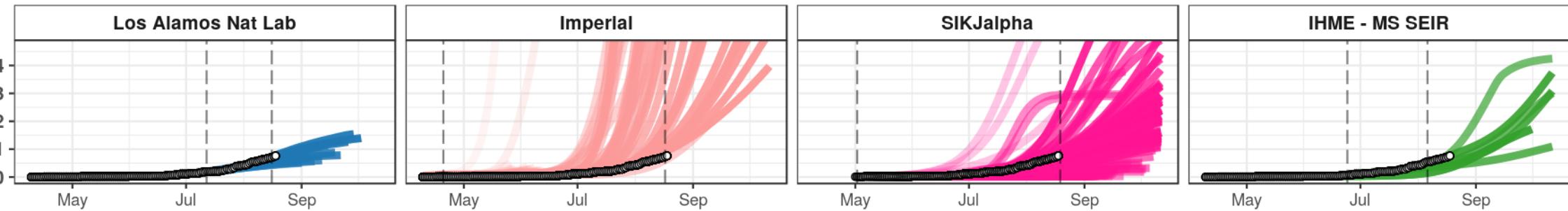
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



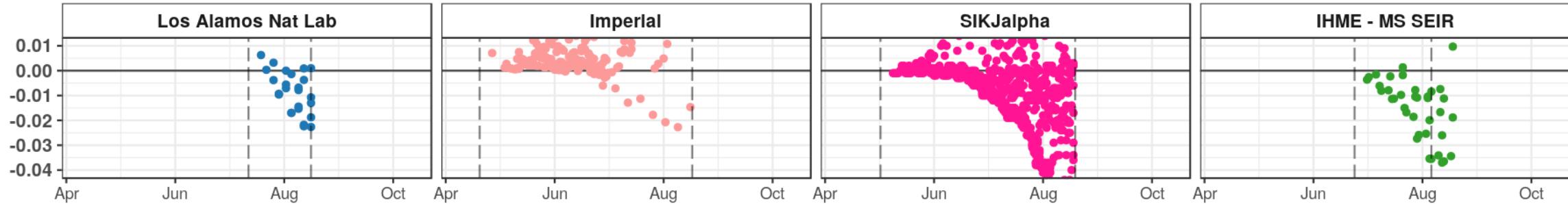
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



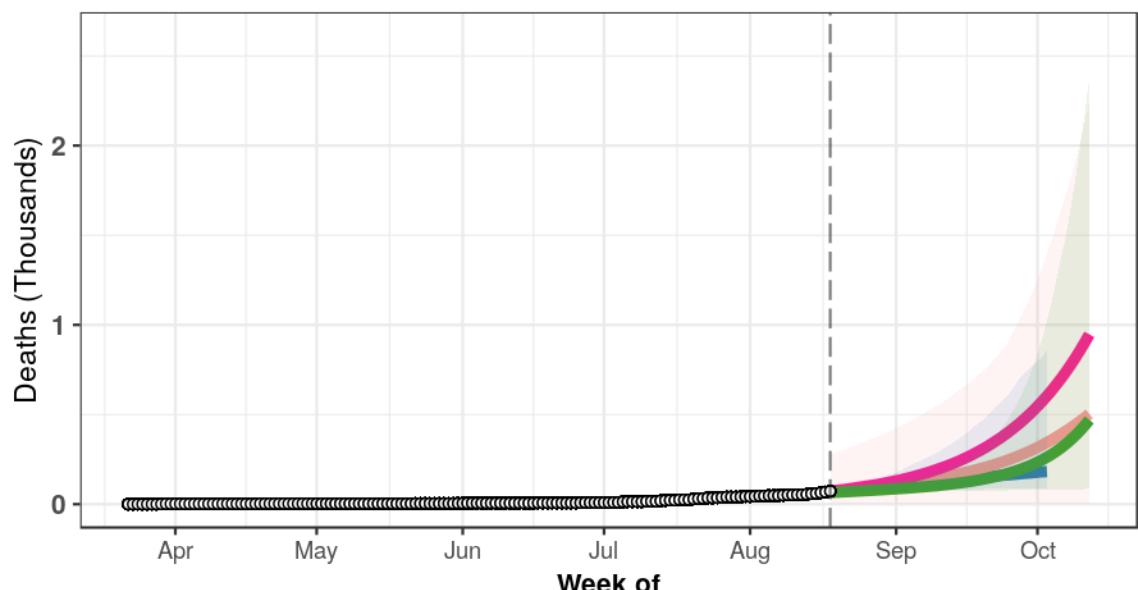
## All Cumulative Errors



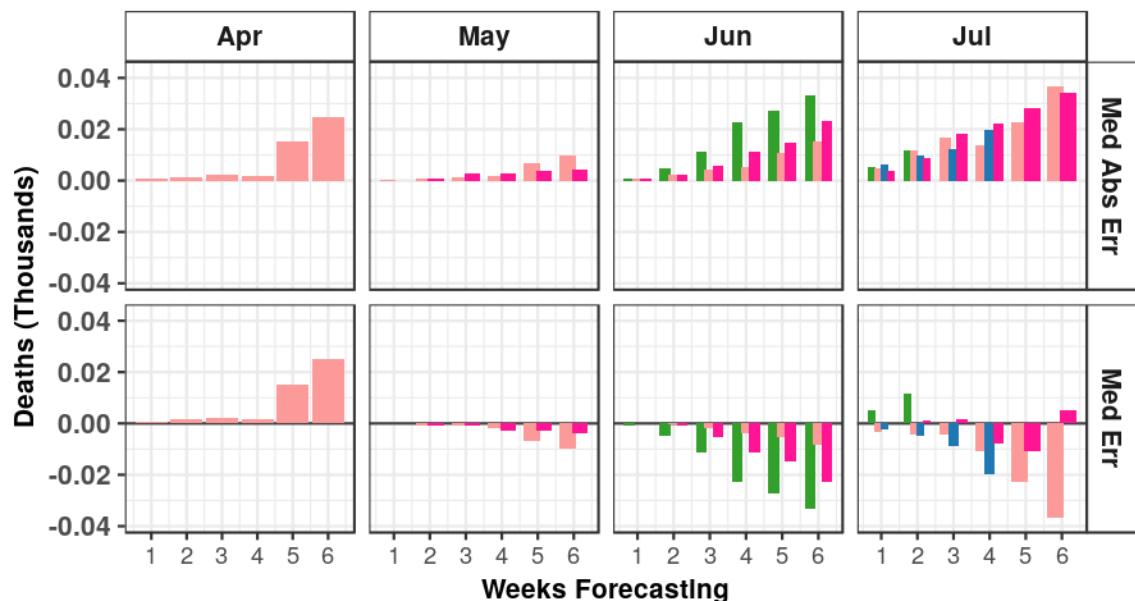
# Syria

## Current Forecast

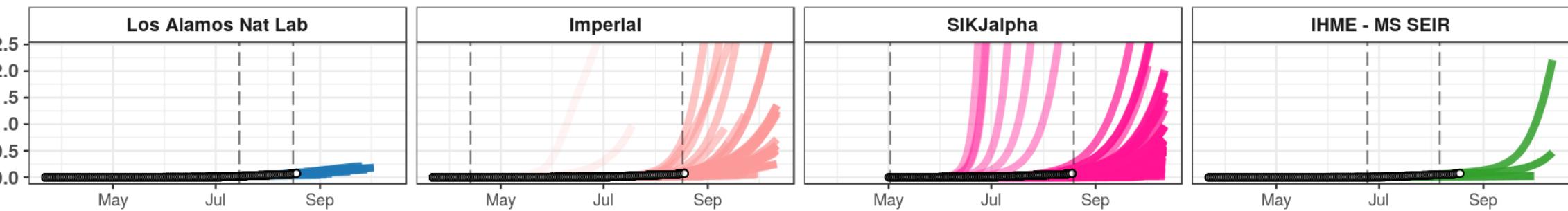
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



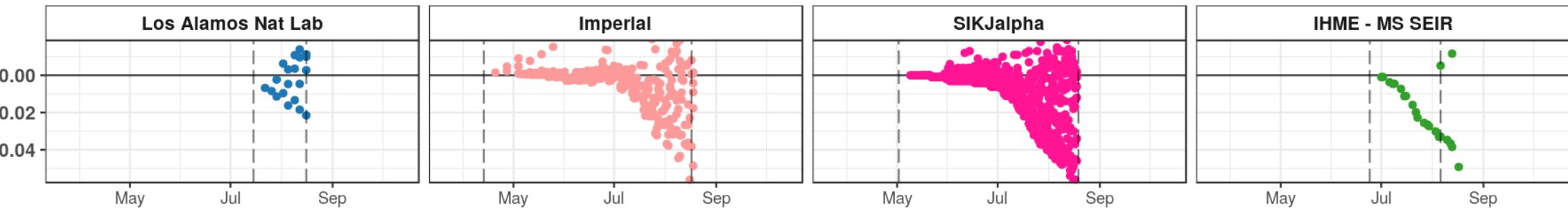
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



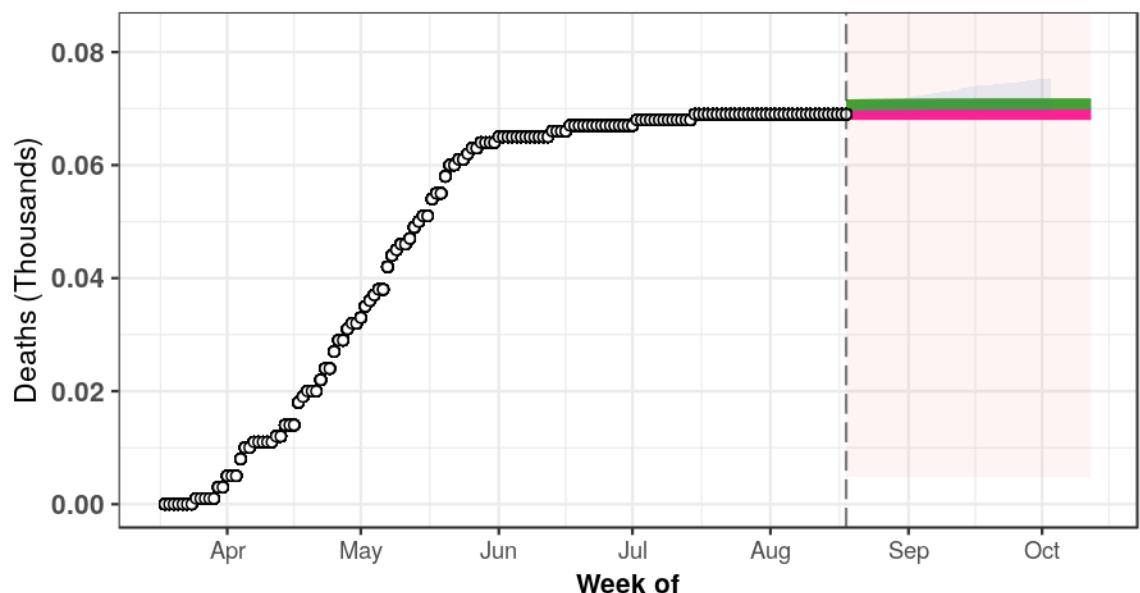
## All Cumulative Errors



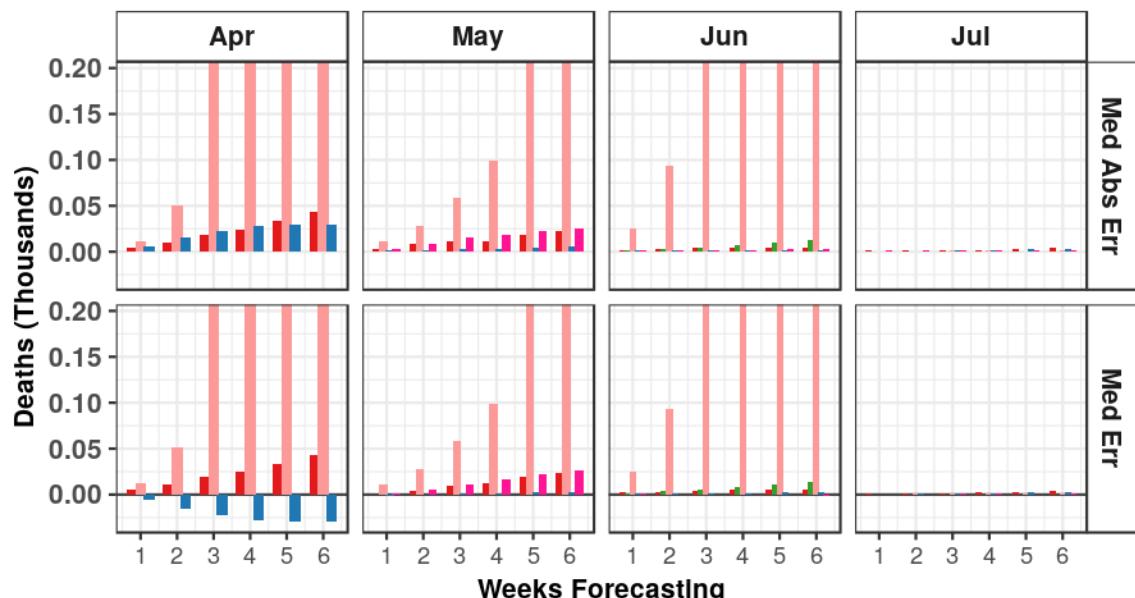
# Niger

## Current Forecast

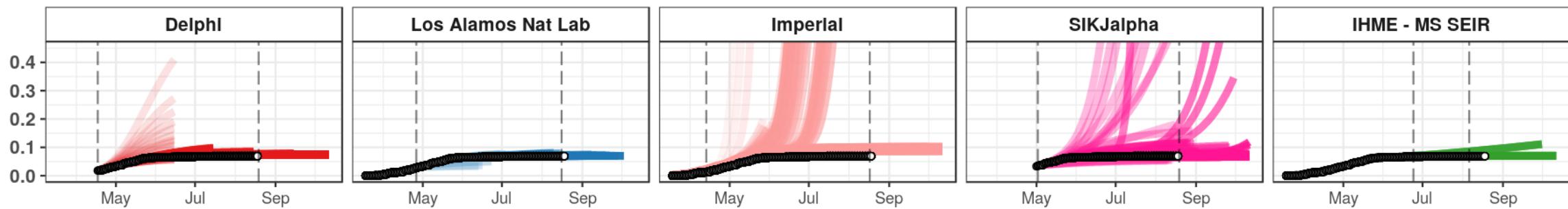
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



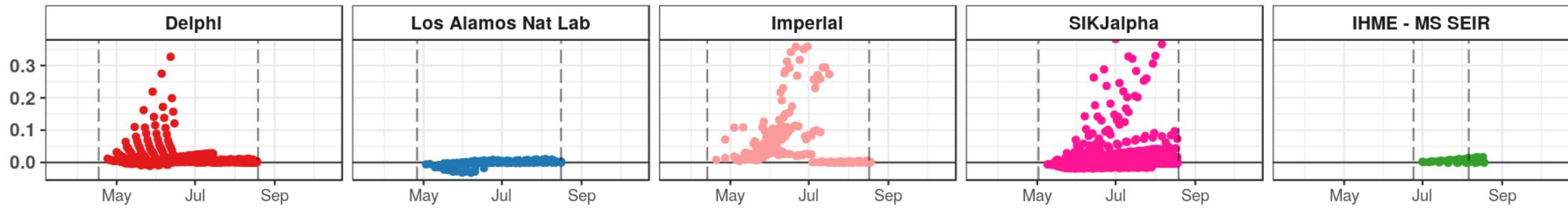
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



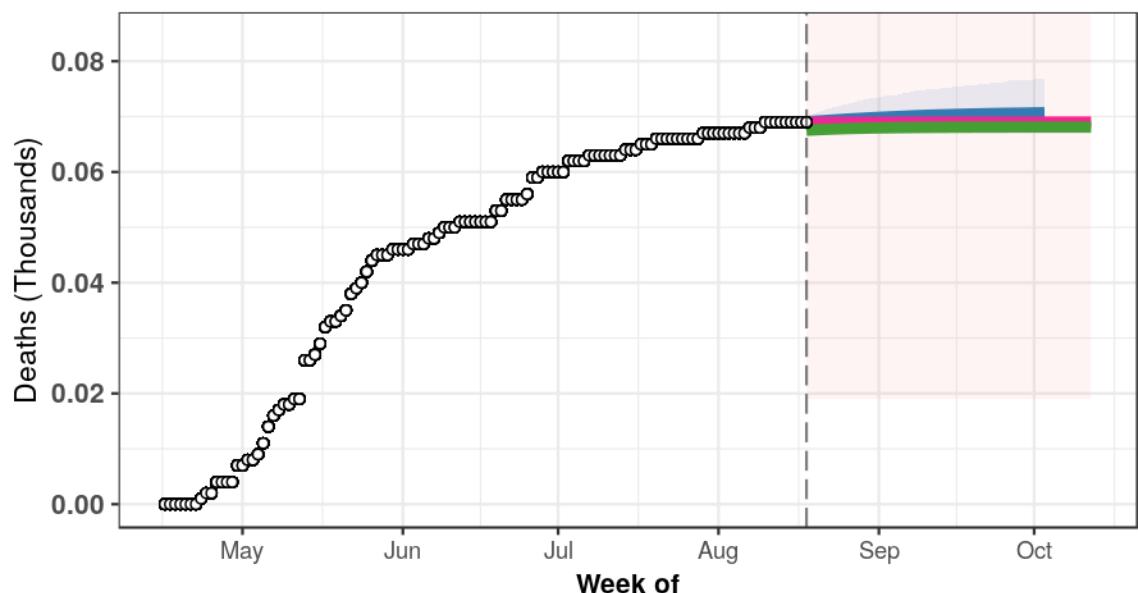
## All Cumulative Errors



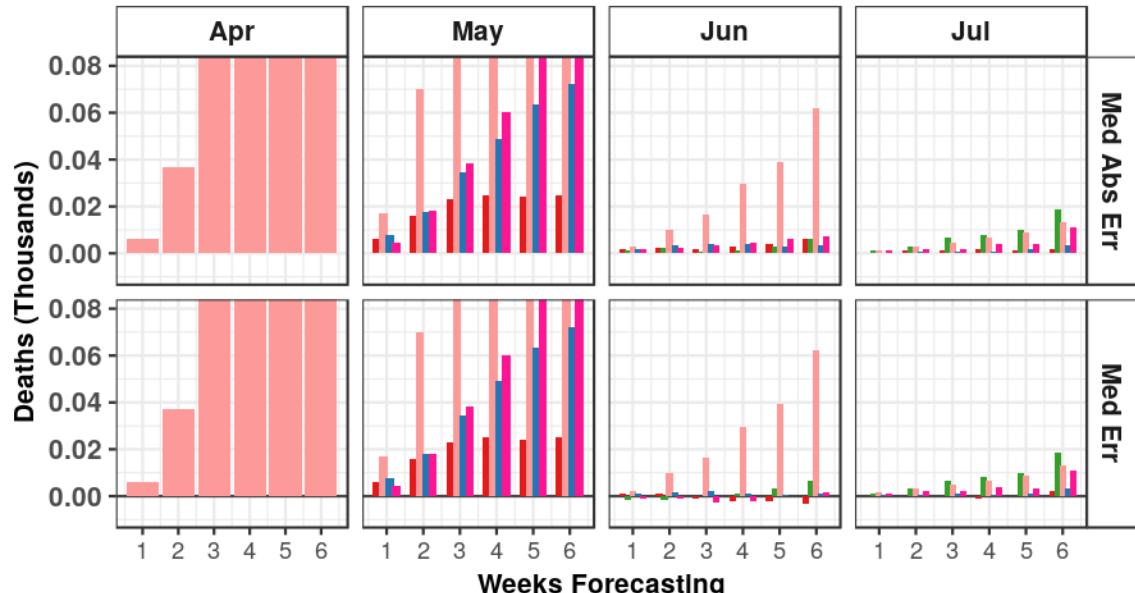
# Sierra Leone

## Current Forecast

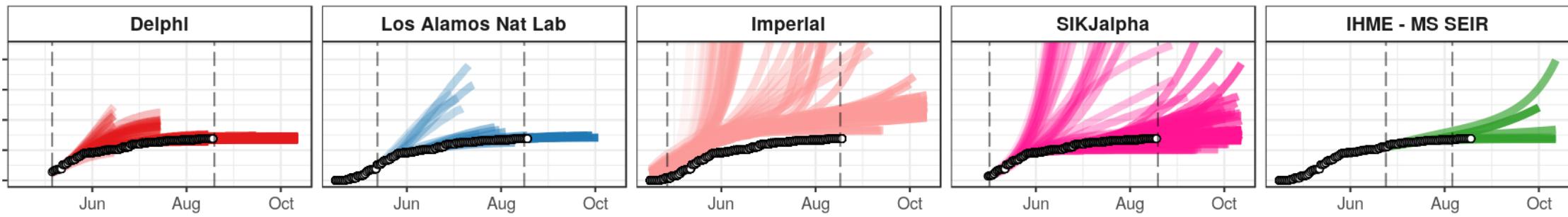
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



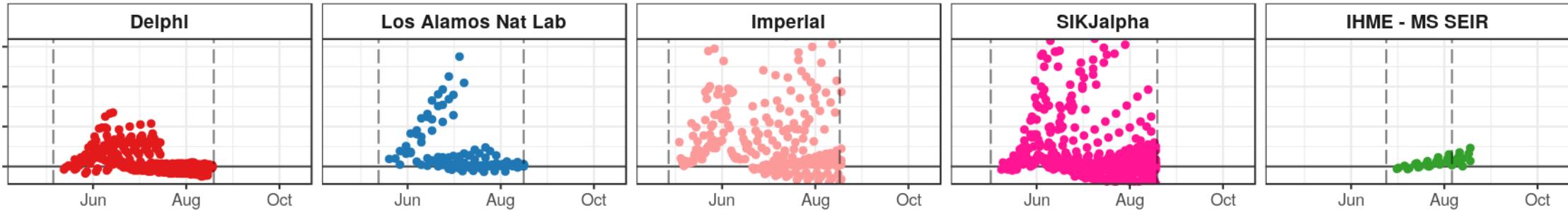
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

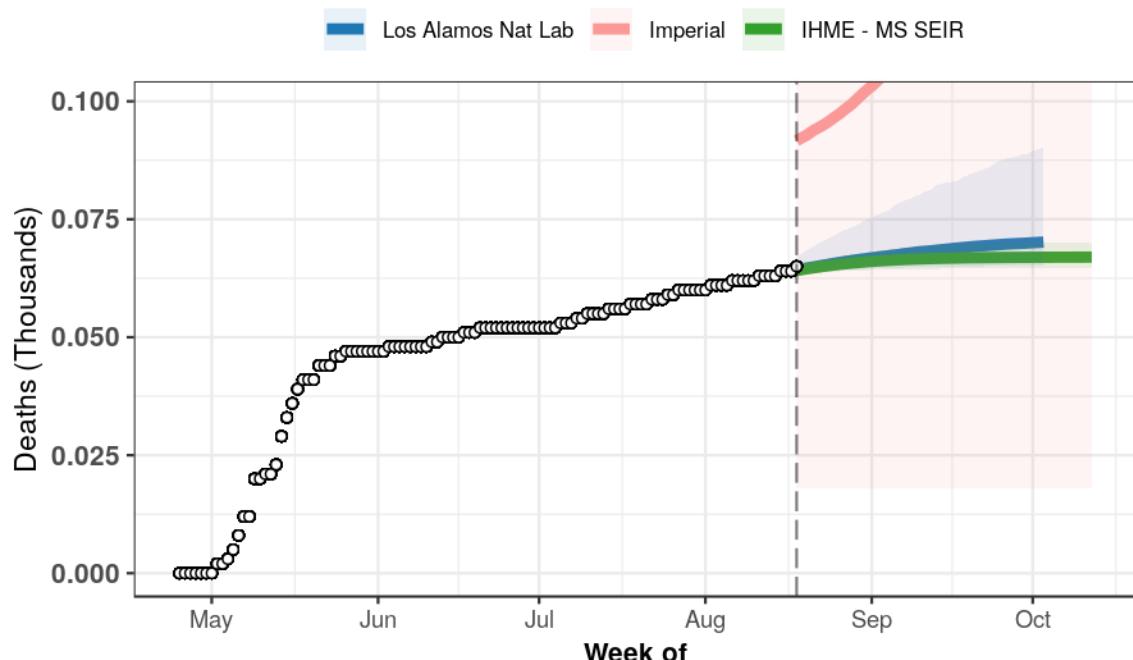


## All Cumulative Errors

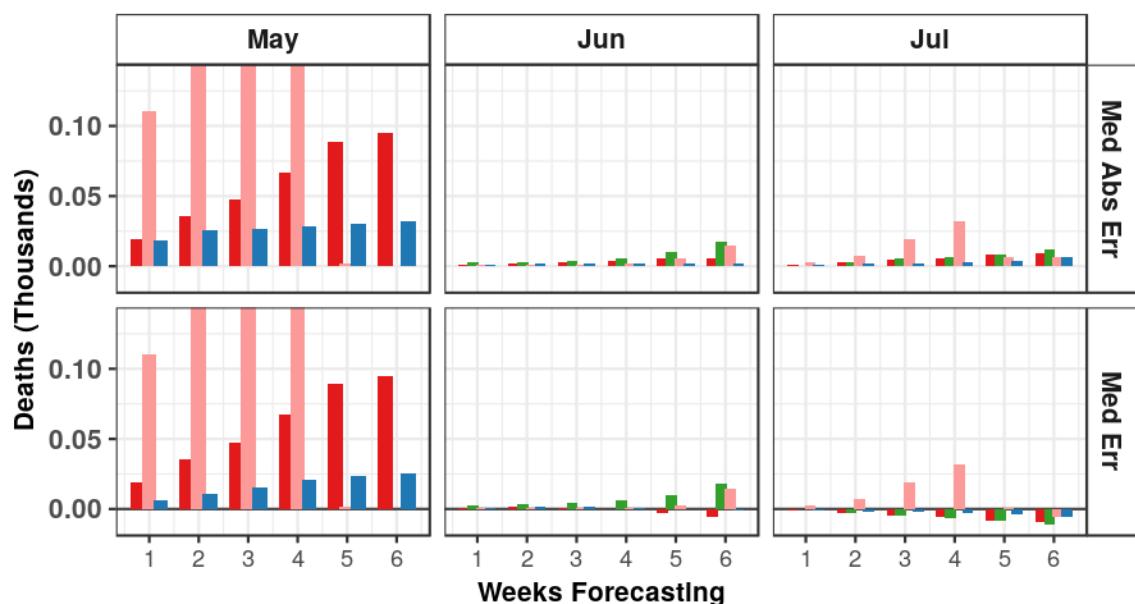


# Tajikistan

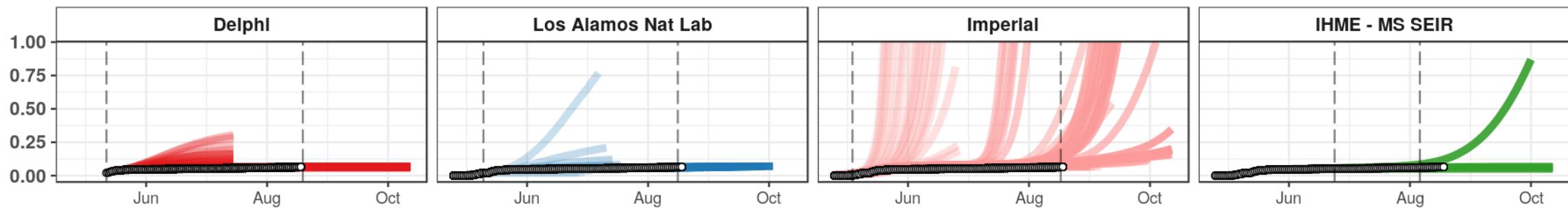
## Current Forecast



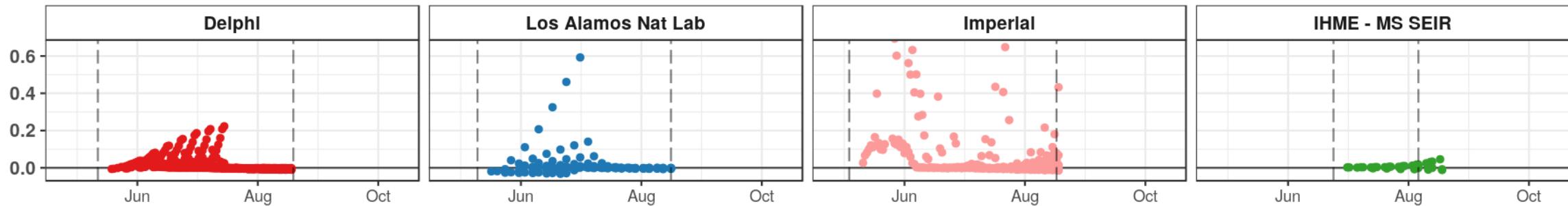
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



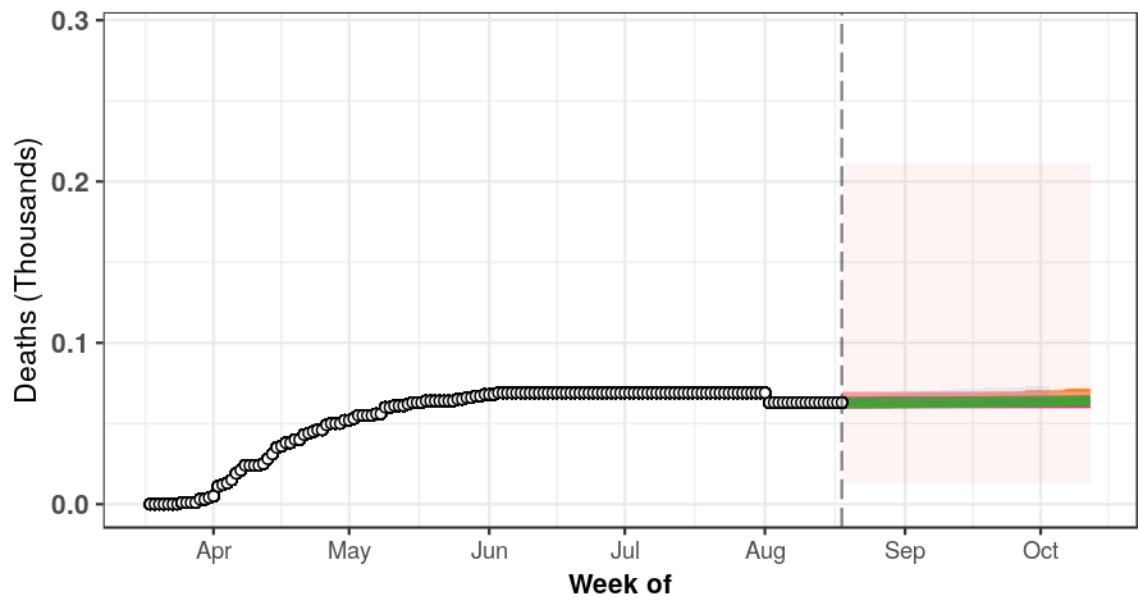
## All Cumulative Errors



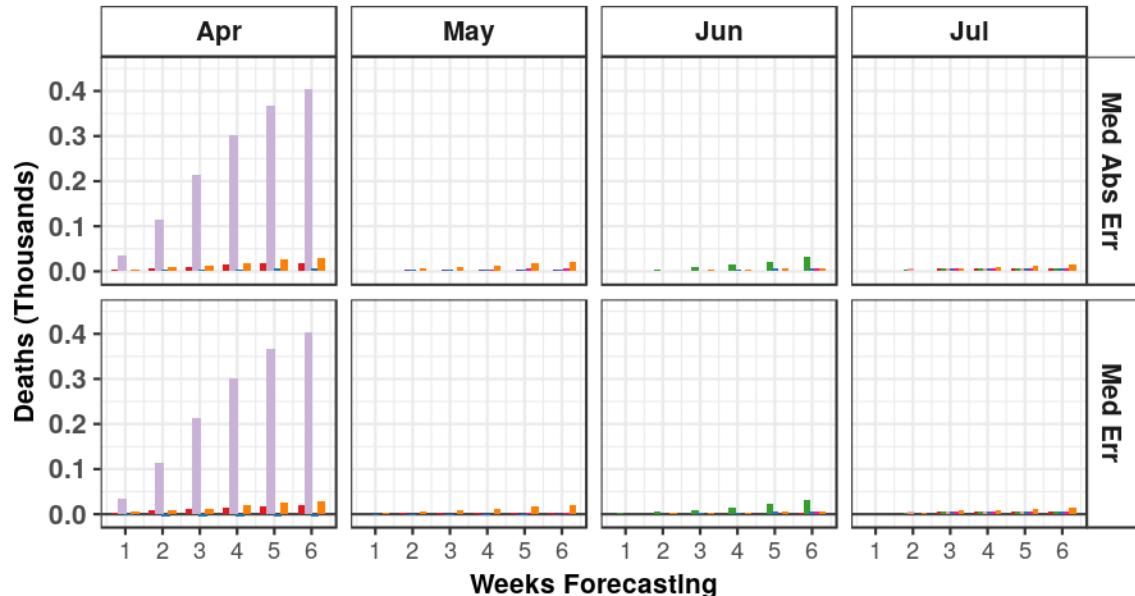
# Estonia

## Current Forecast

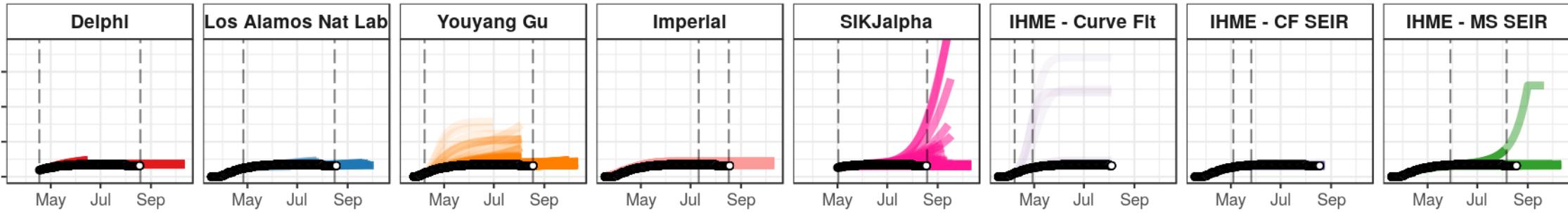
Los Alamos Nat Lab Youyang Gu Imperial SIKJalpha IHME - MS SEIR



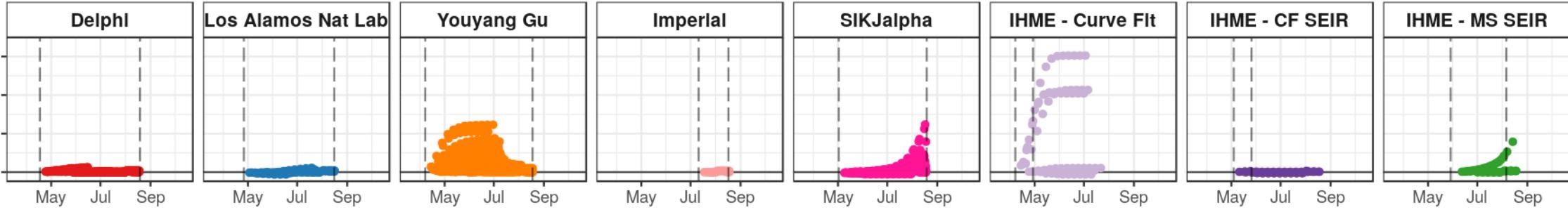
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



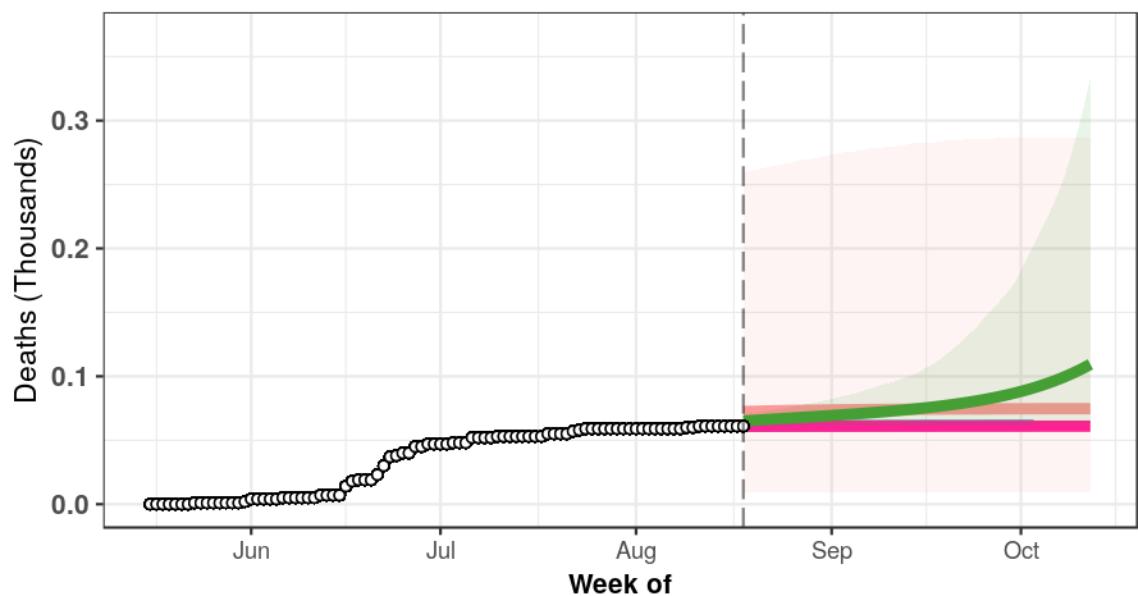
## All Cumulative Errors



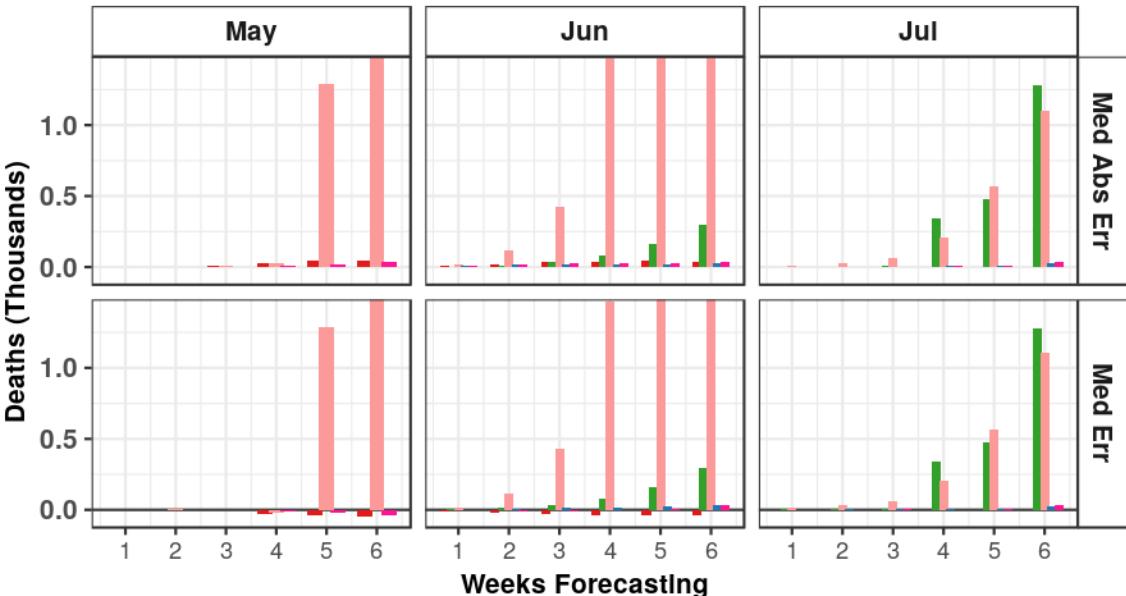
# Central African Republic

## Current Forecast

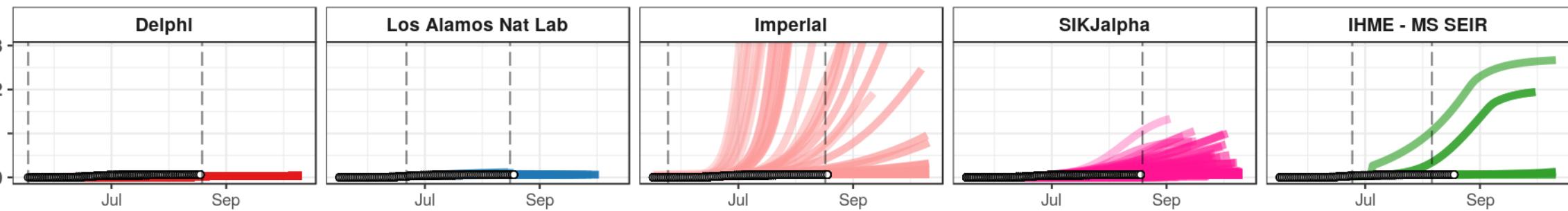
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



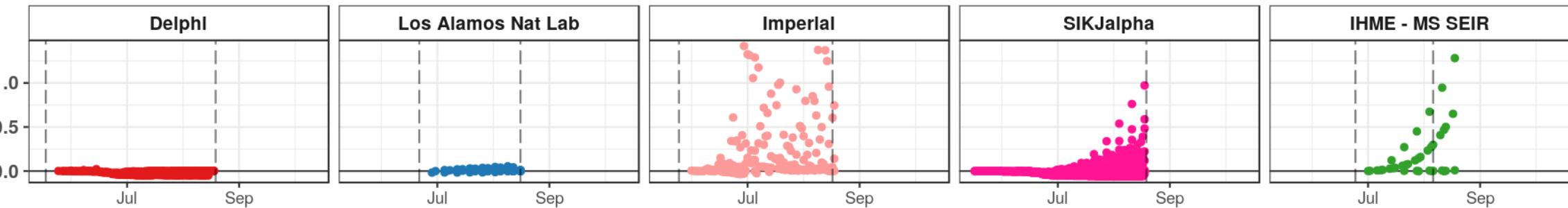
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



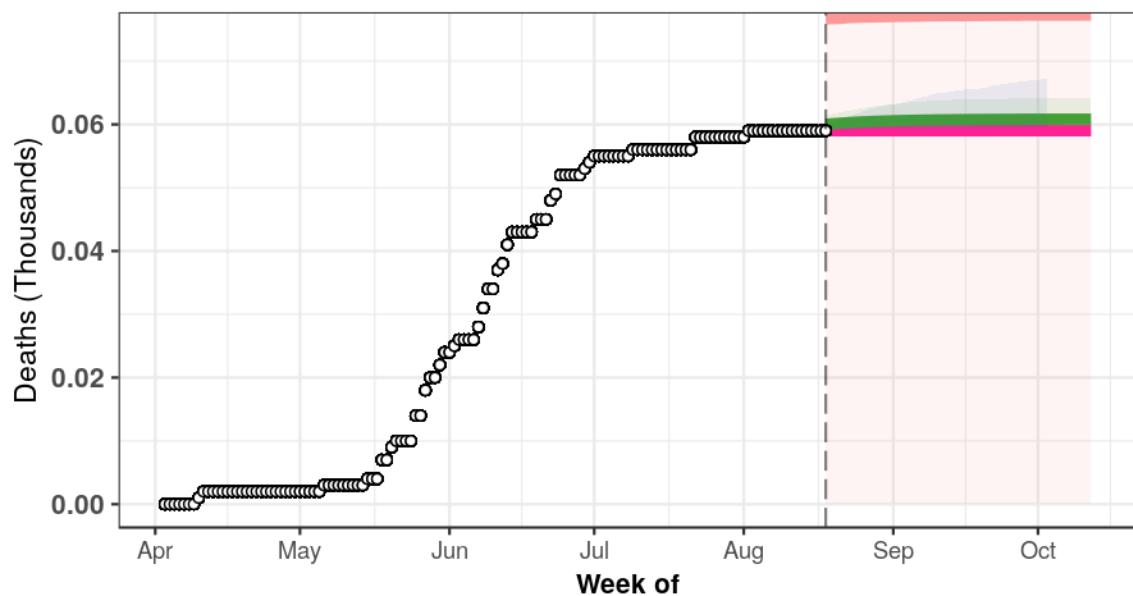
## All Cumulative Errors



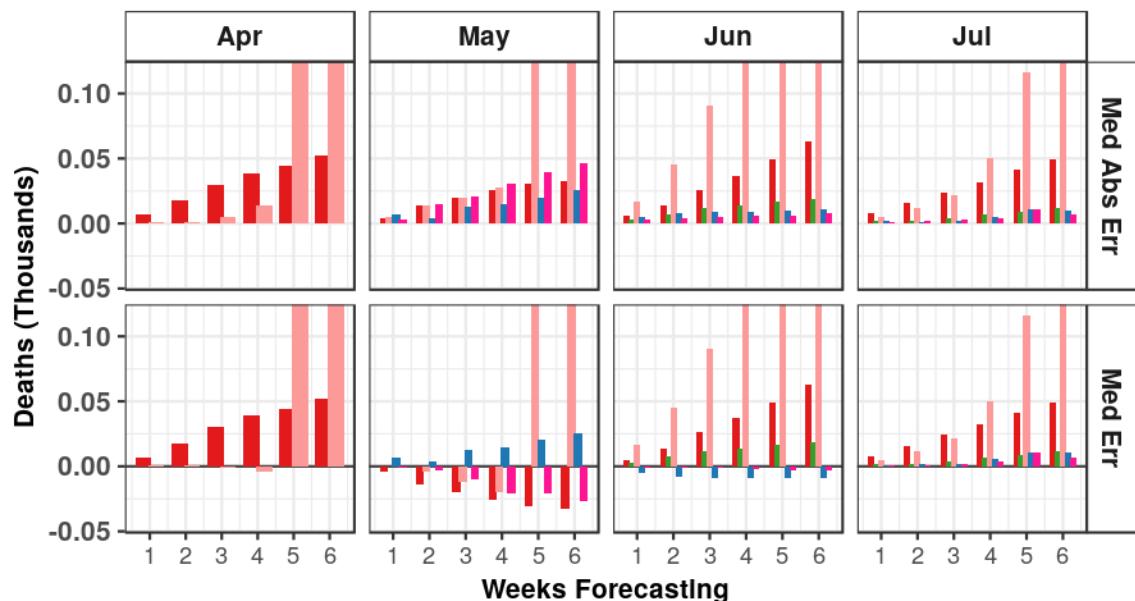
# Djibouti

## Current Forecast

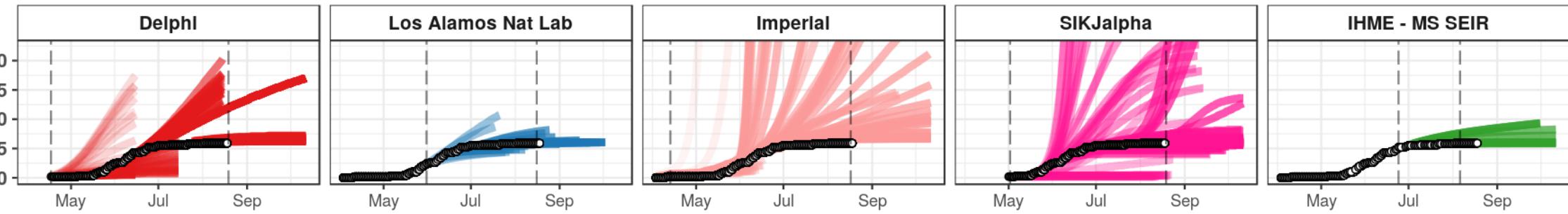
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



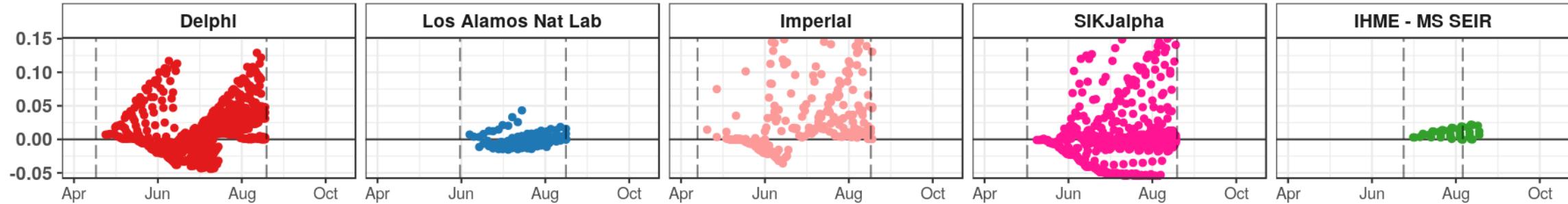
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



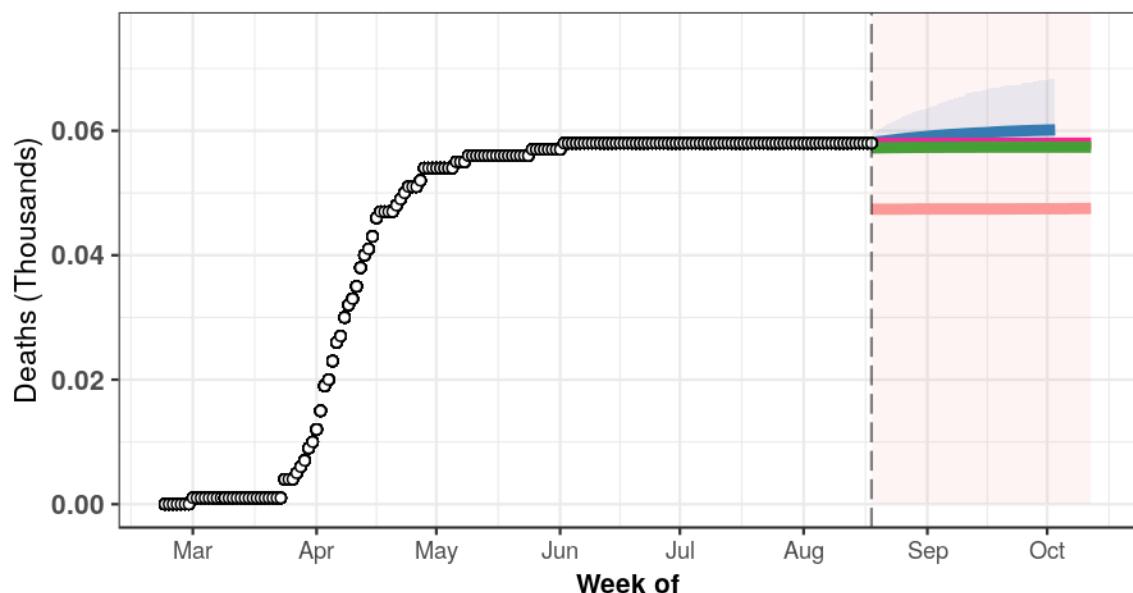
## All Cumulative Errors



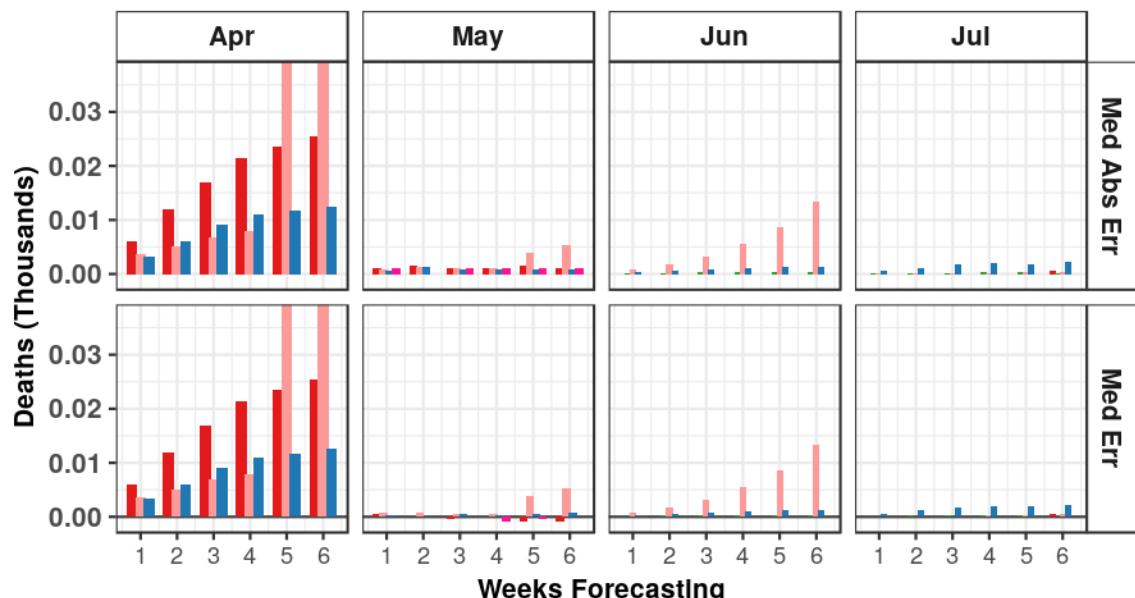
# Thailand

## Current Forecast

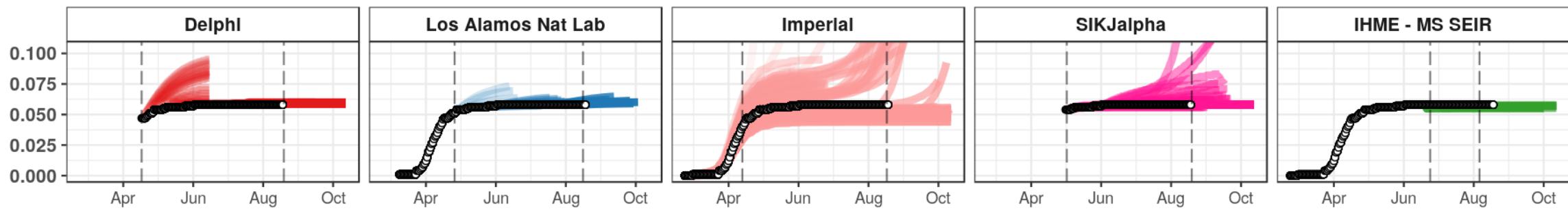
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



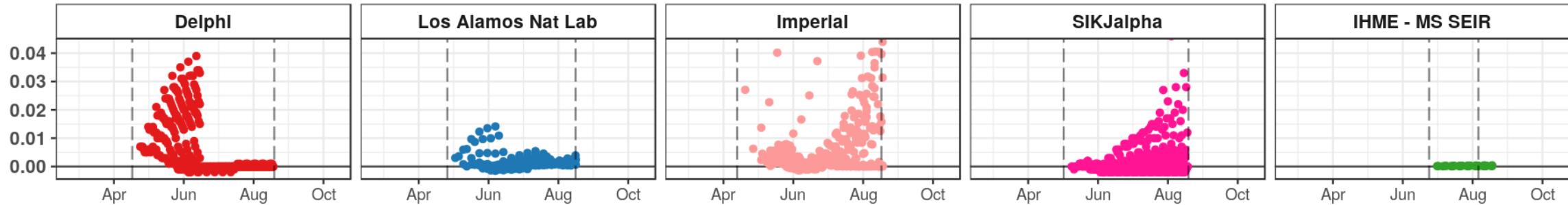
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



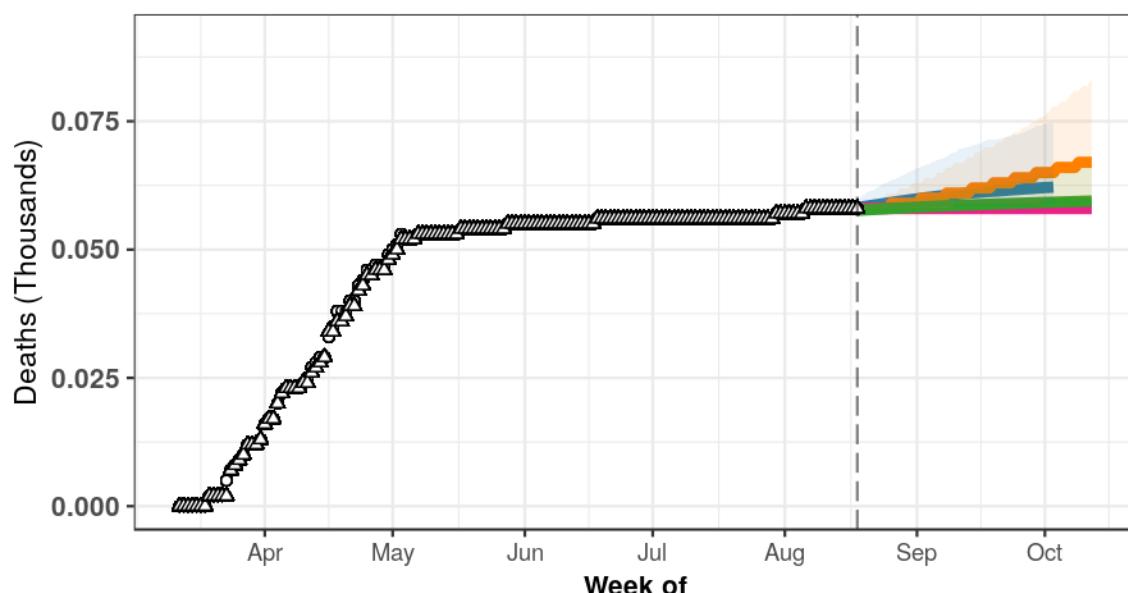
## All Cumulative Errors



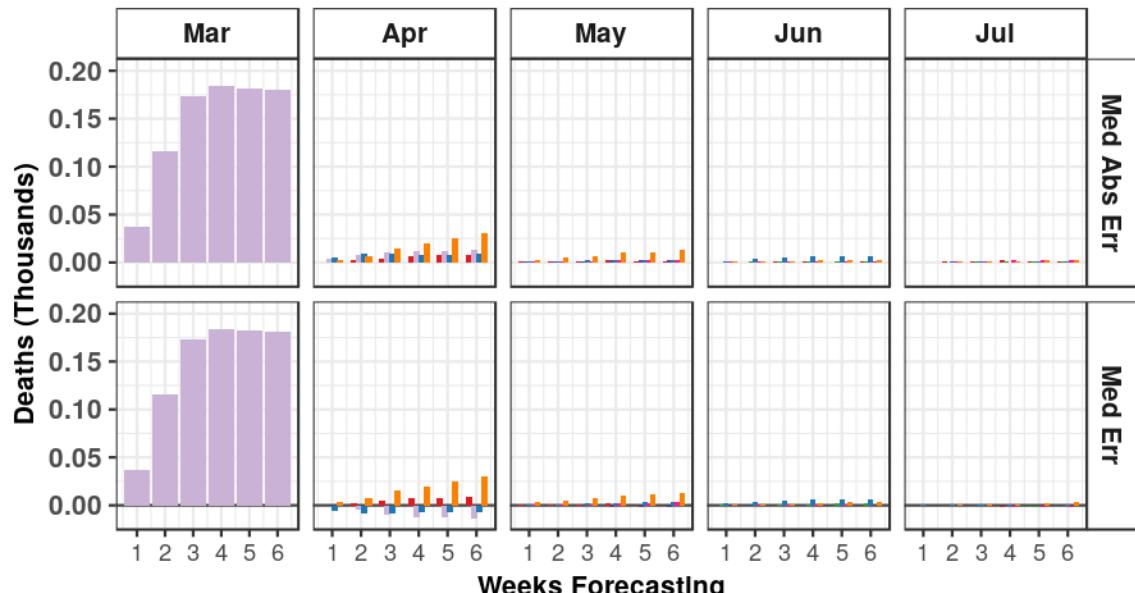
# Vermont

## Current Forecast

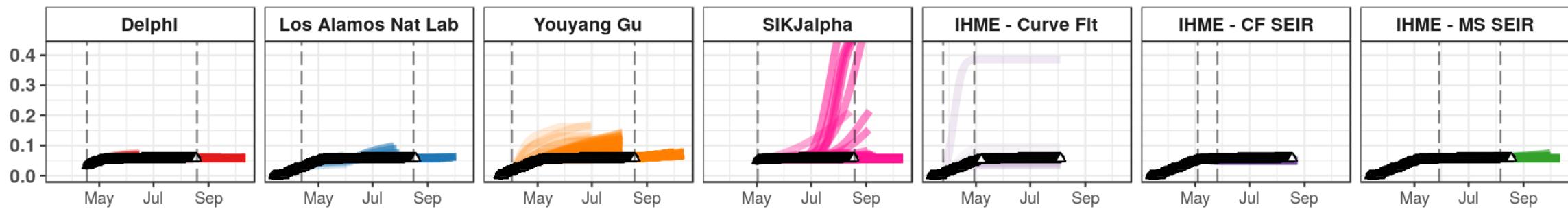
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   N



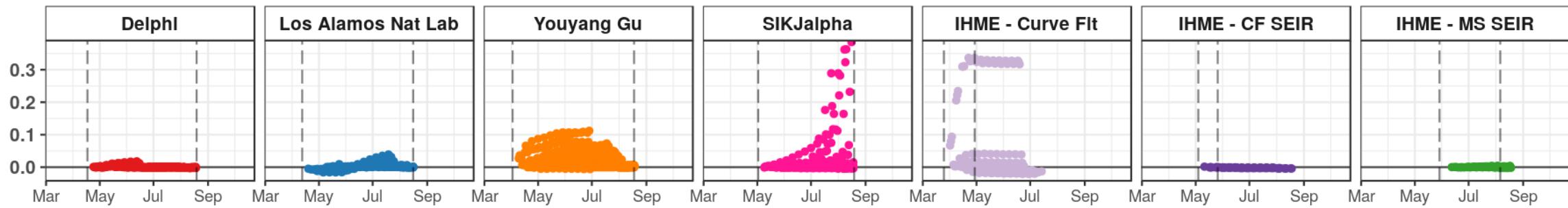
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



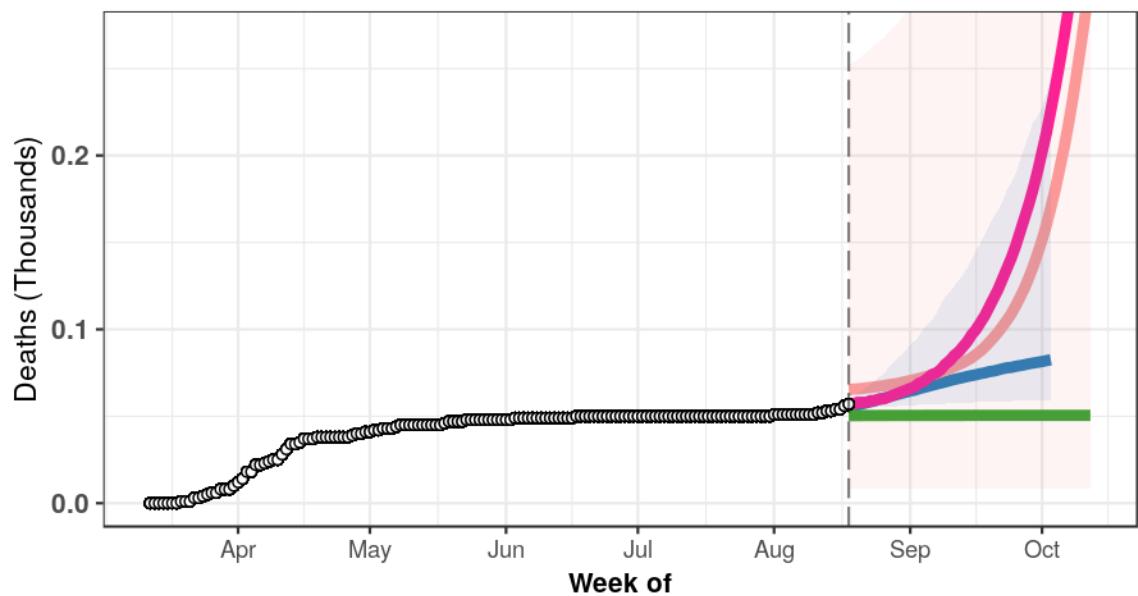
## All Cumulative Errors



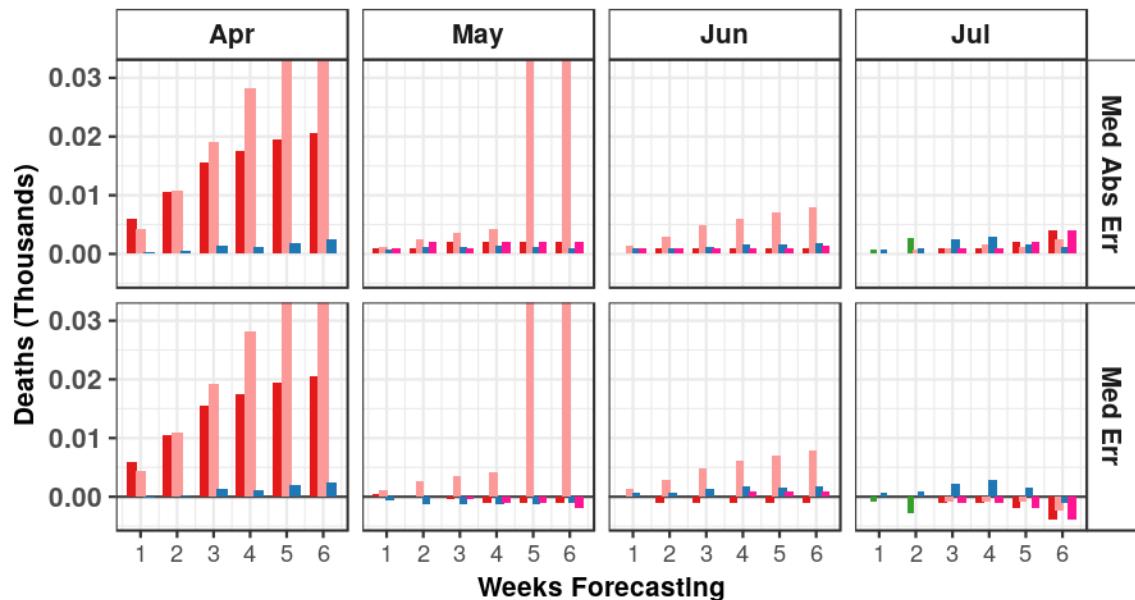
# Tunisia

## Current Forecast

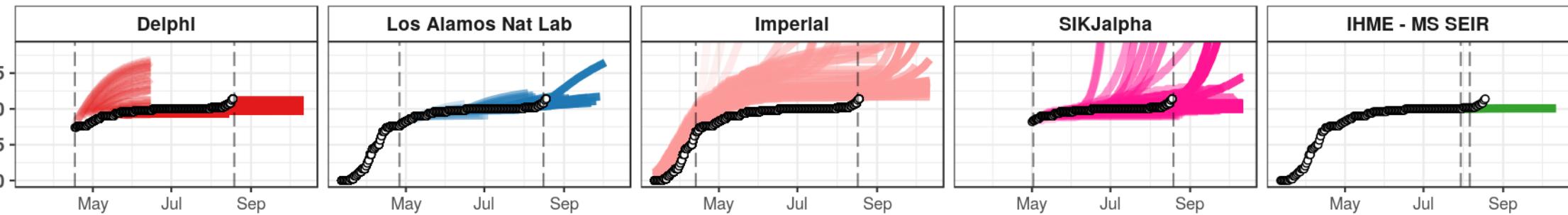
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



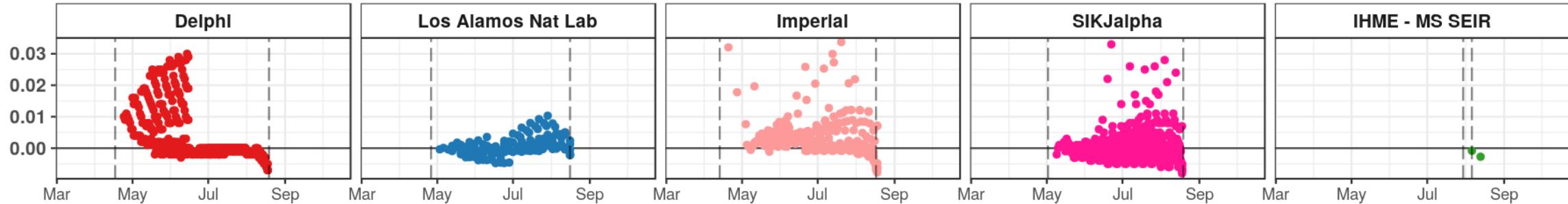
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

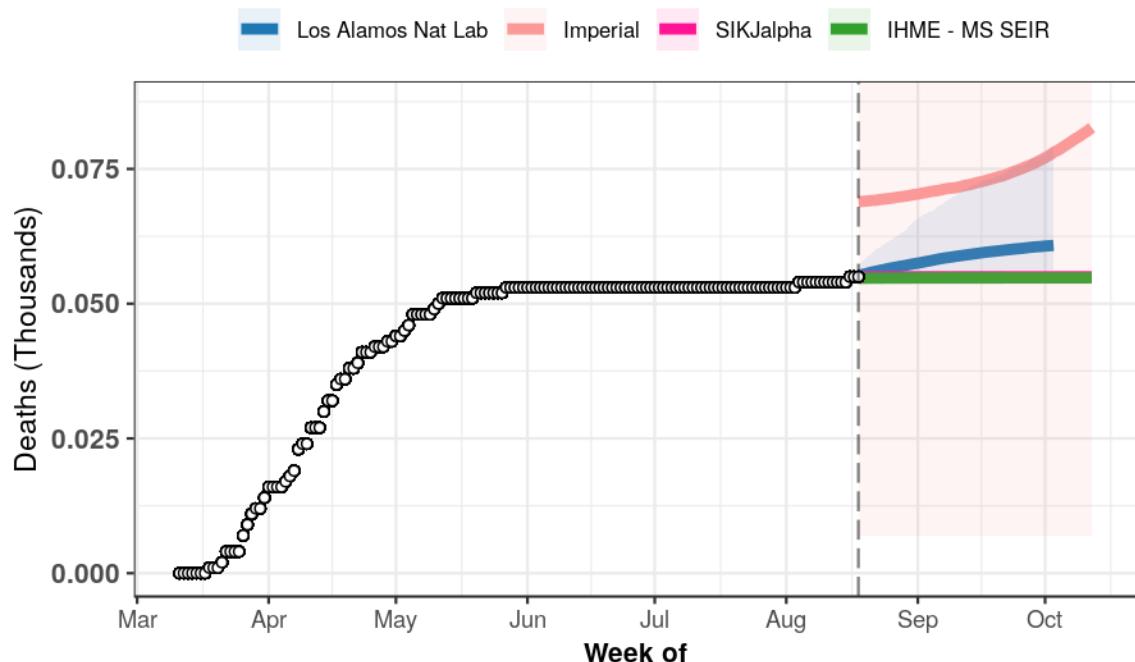


## All Cumulative Errors

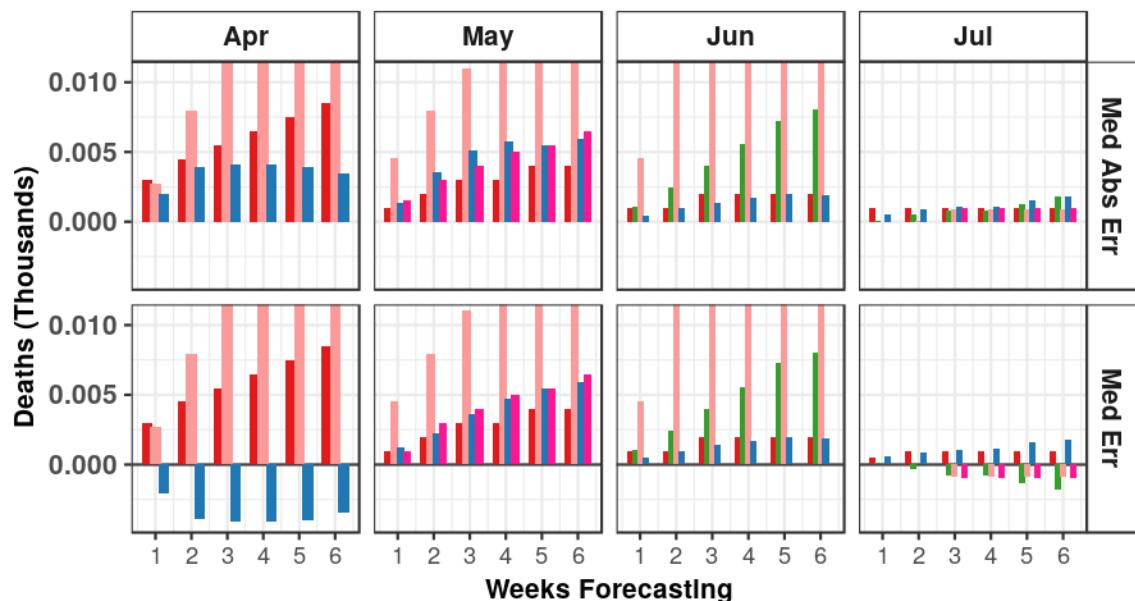


# Burkina Faso

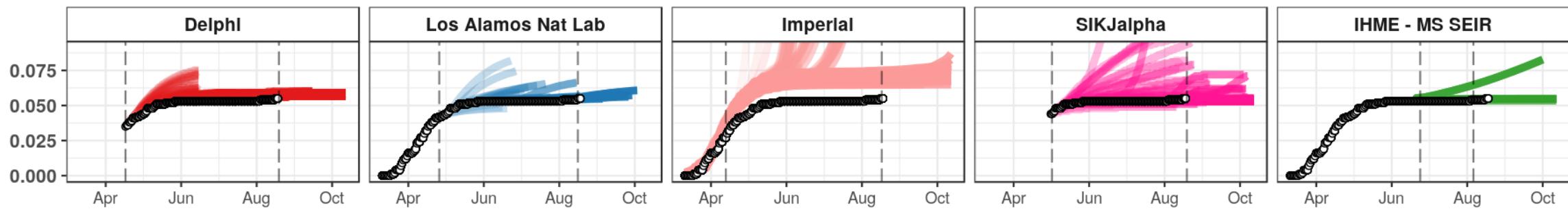
## Current Forecast



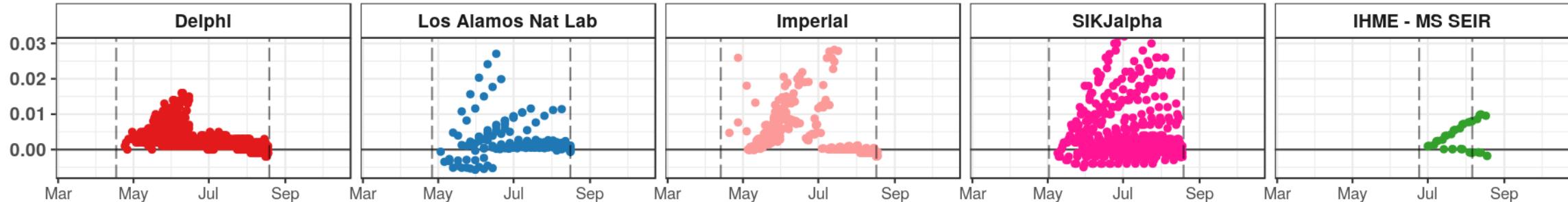
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



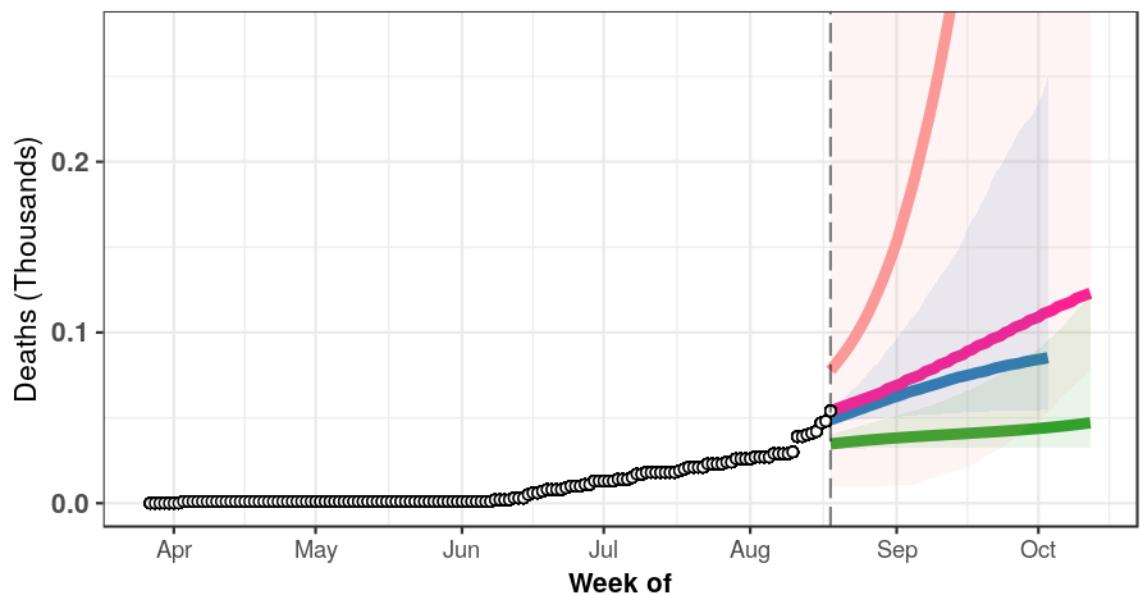
## All Cumulative Errors



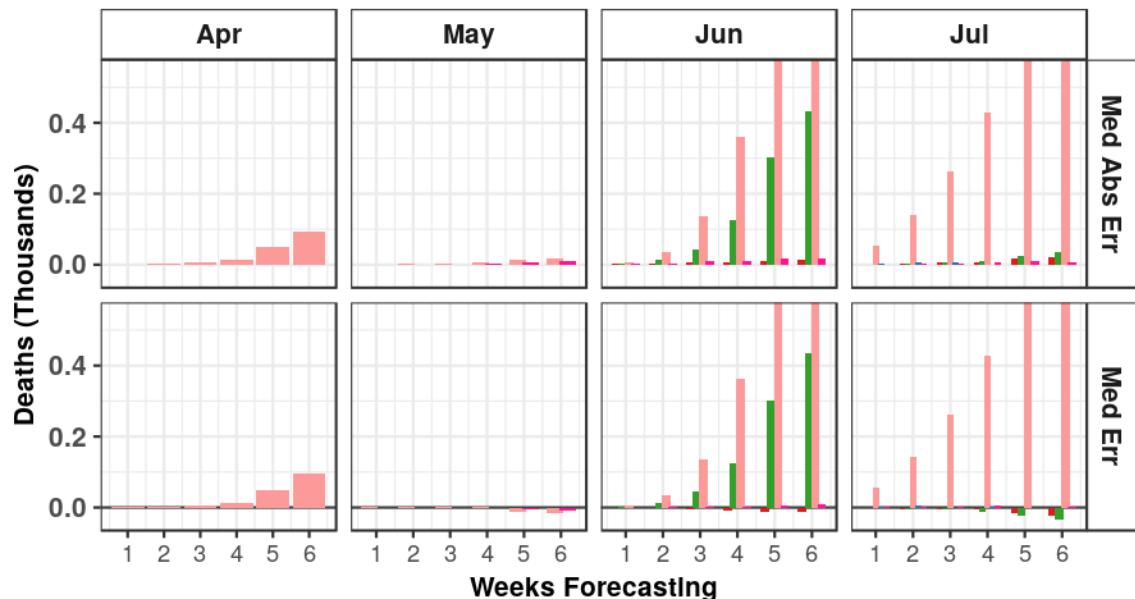
# Suriname

## Current Forecast

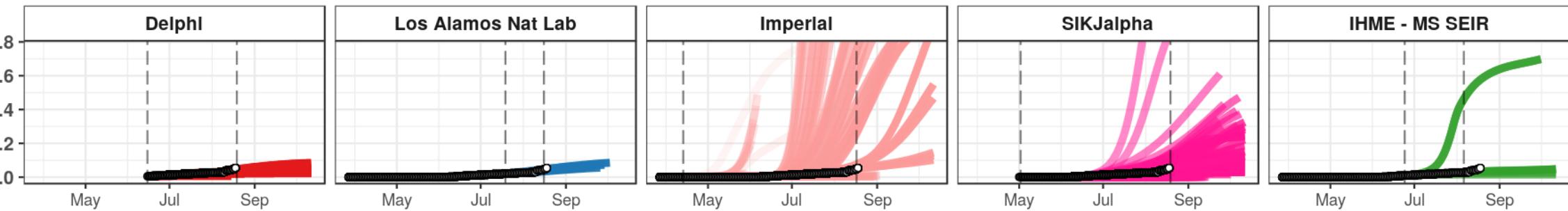
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



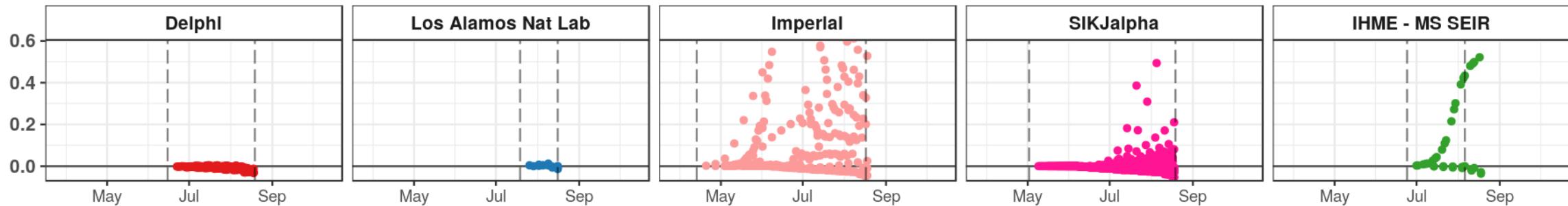
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



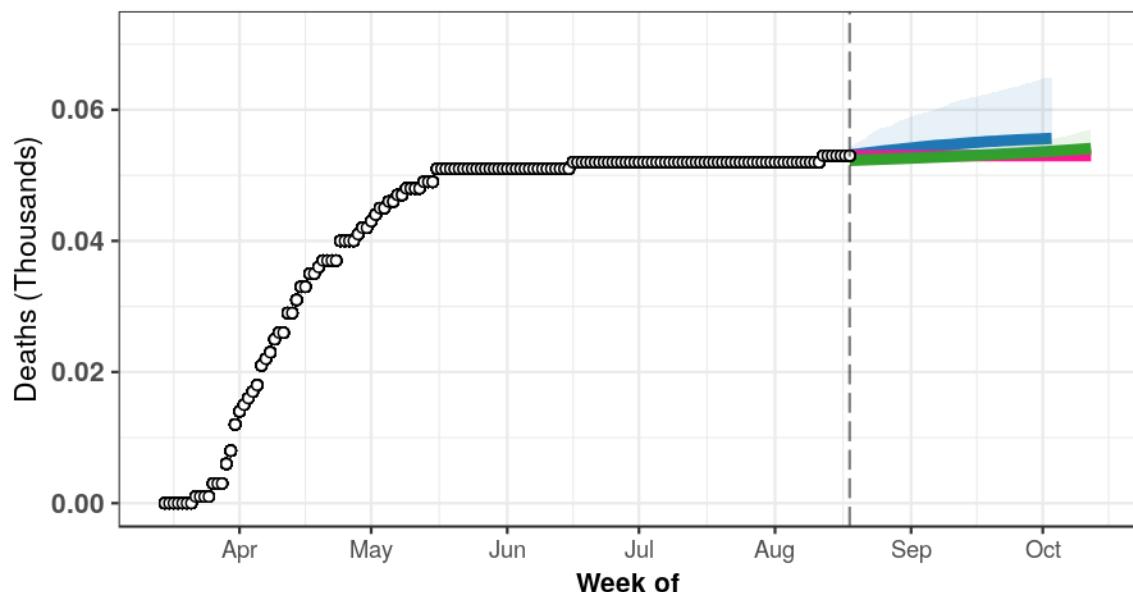
## All Cumulative Errors



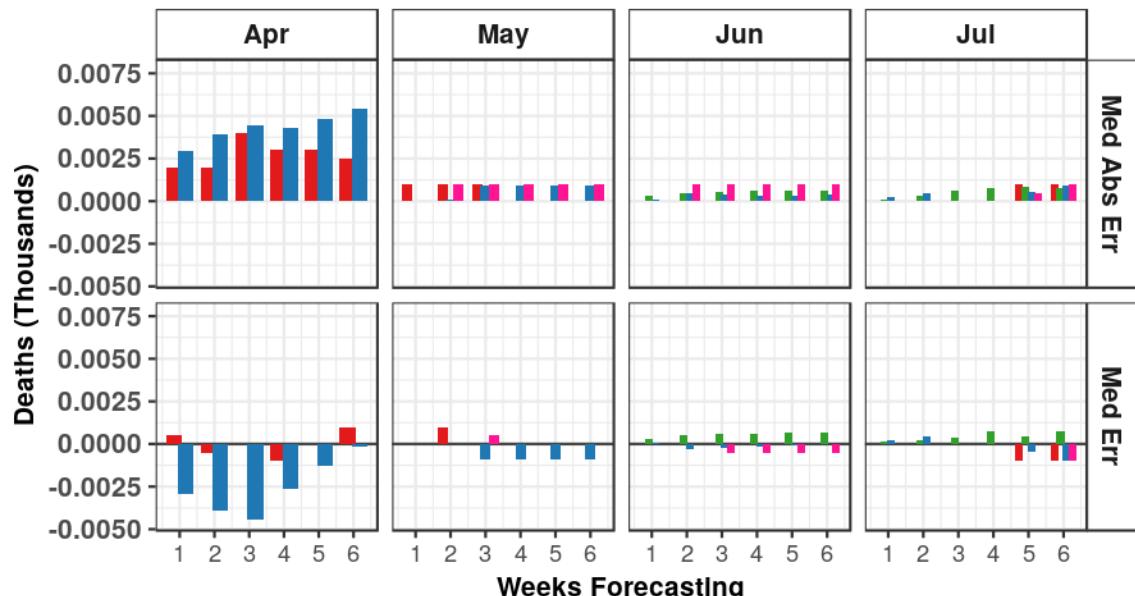
# Andorra

## Current Forecast

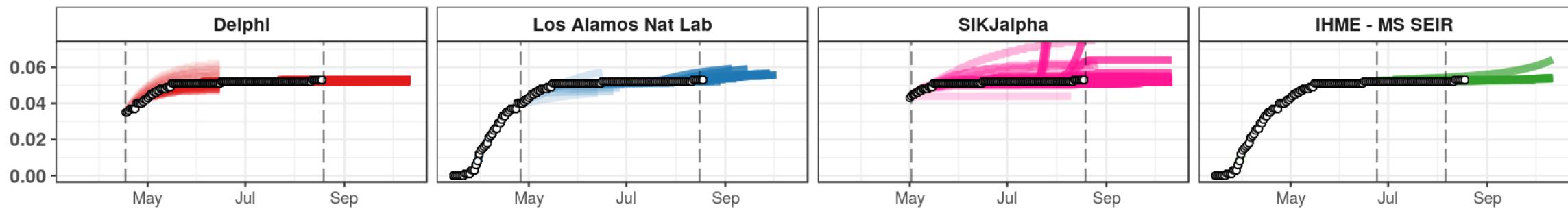
Los Alamos Nat Lab   SIKJalpha   IHME - MS SEIR



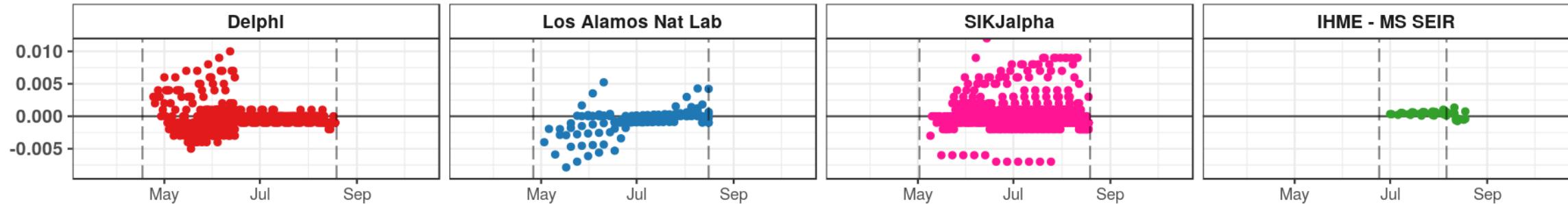
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



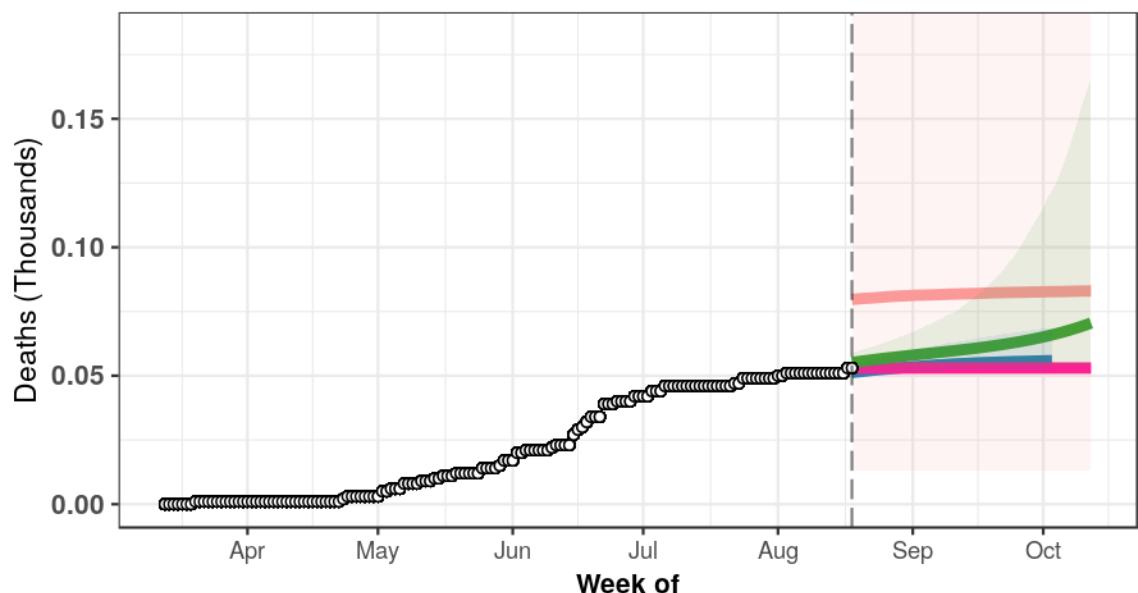
## All Cumulative Errors



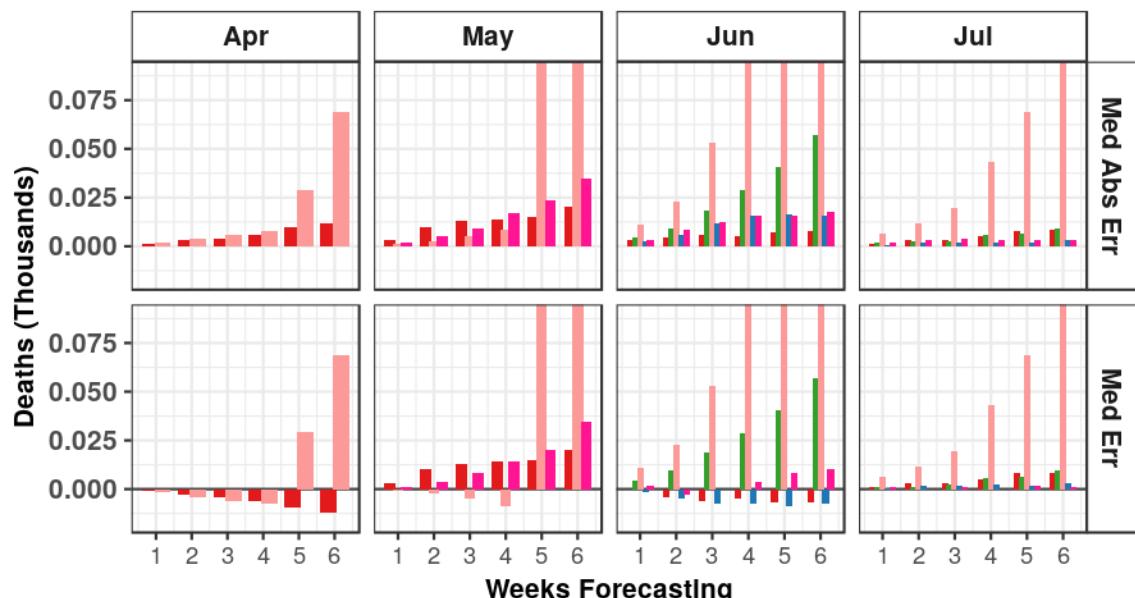
# Gabon

## Current Forecast

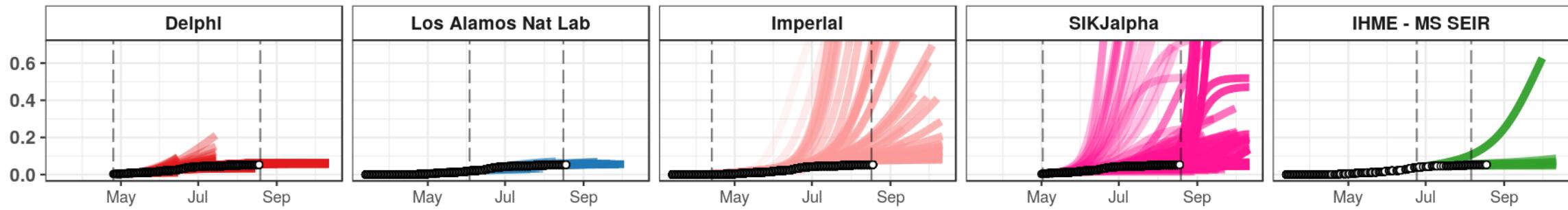
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



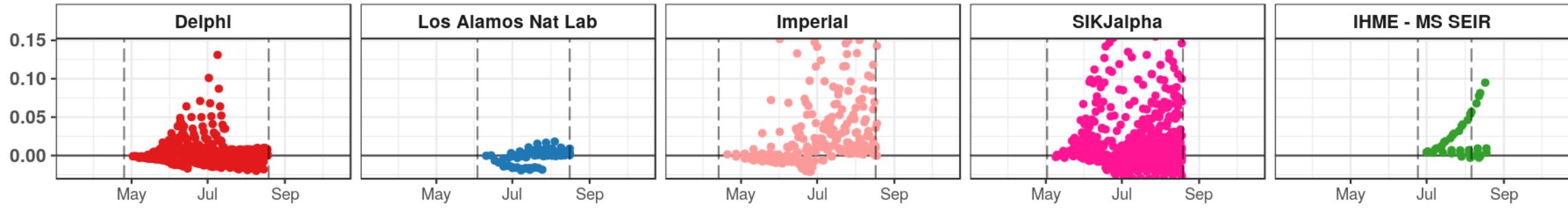
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



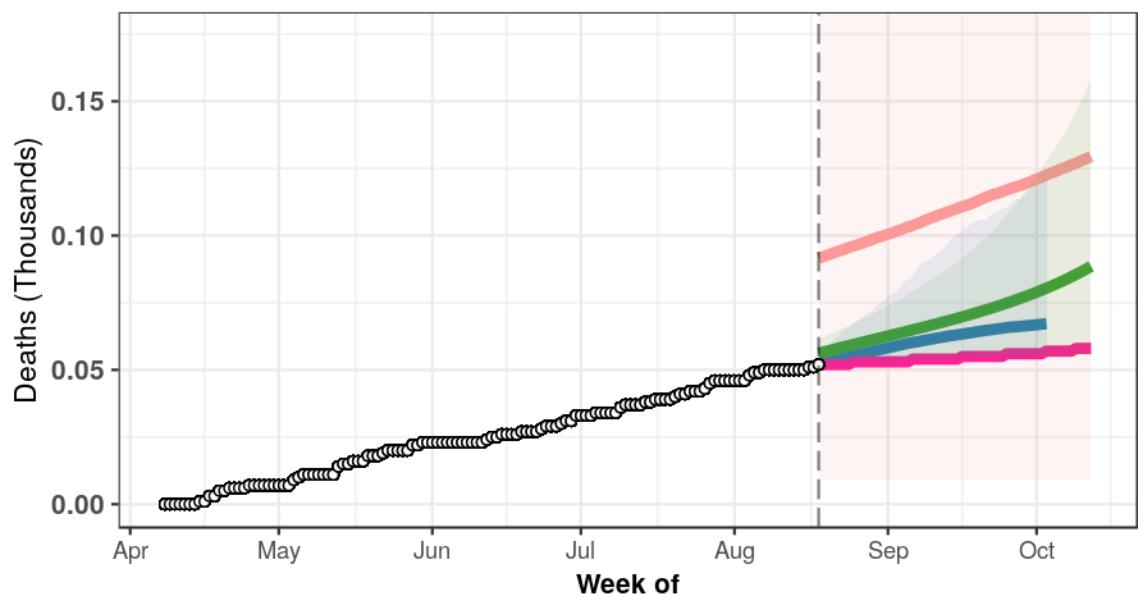
## All Cumulative Errors



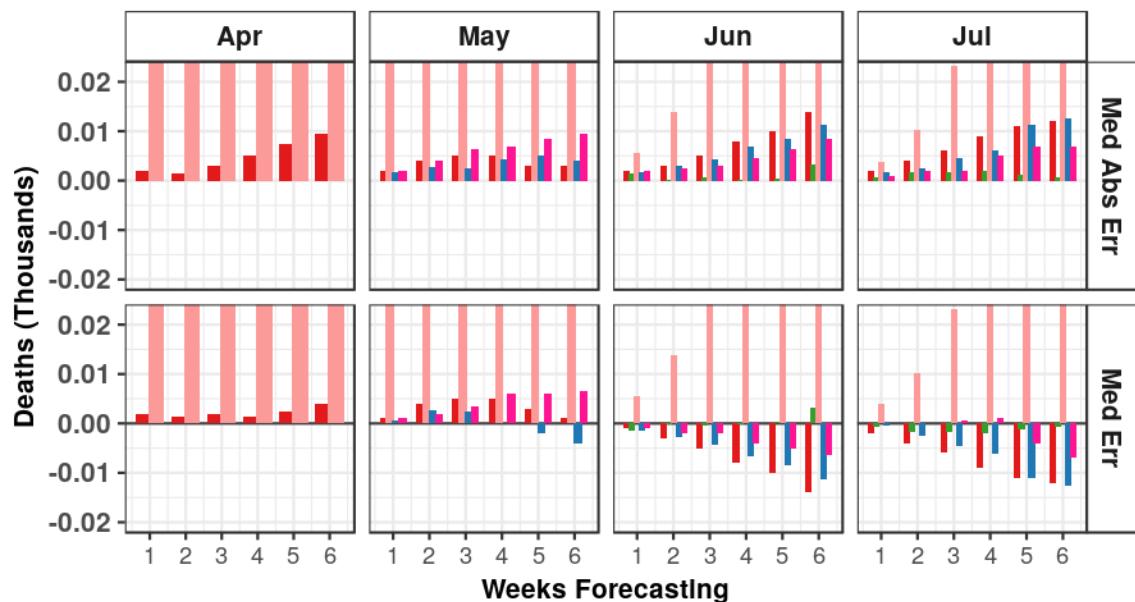
# Guinea

## Current Forecast

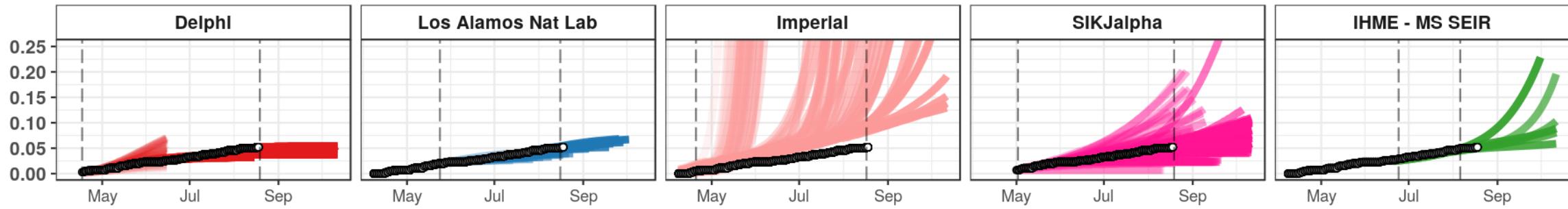
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



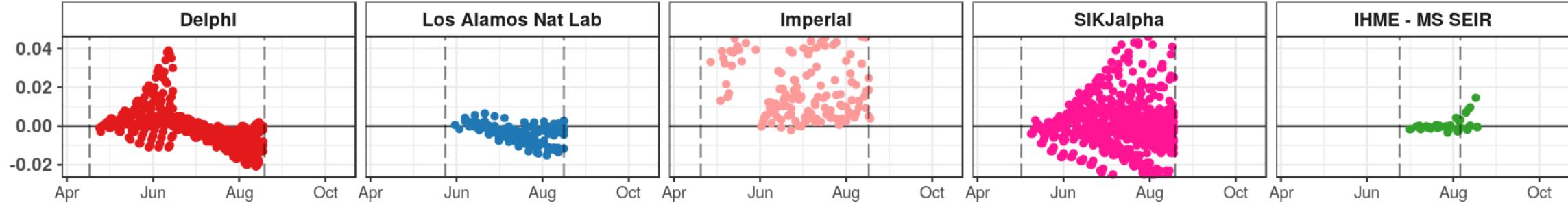
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



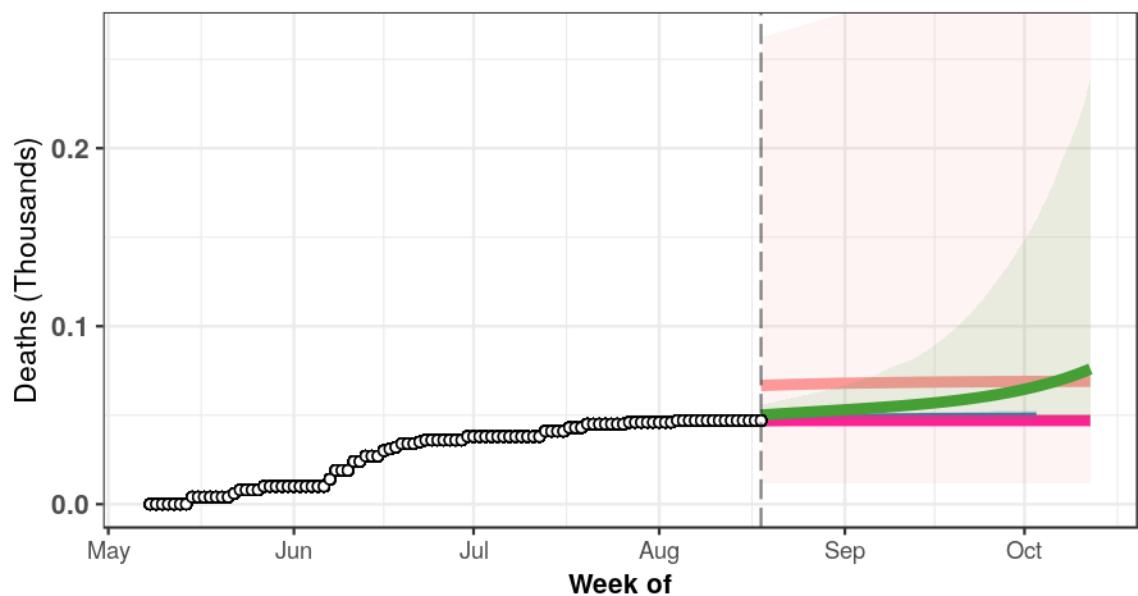
## All Cumulative Errors



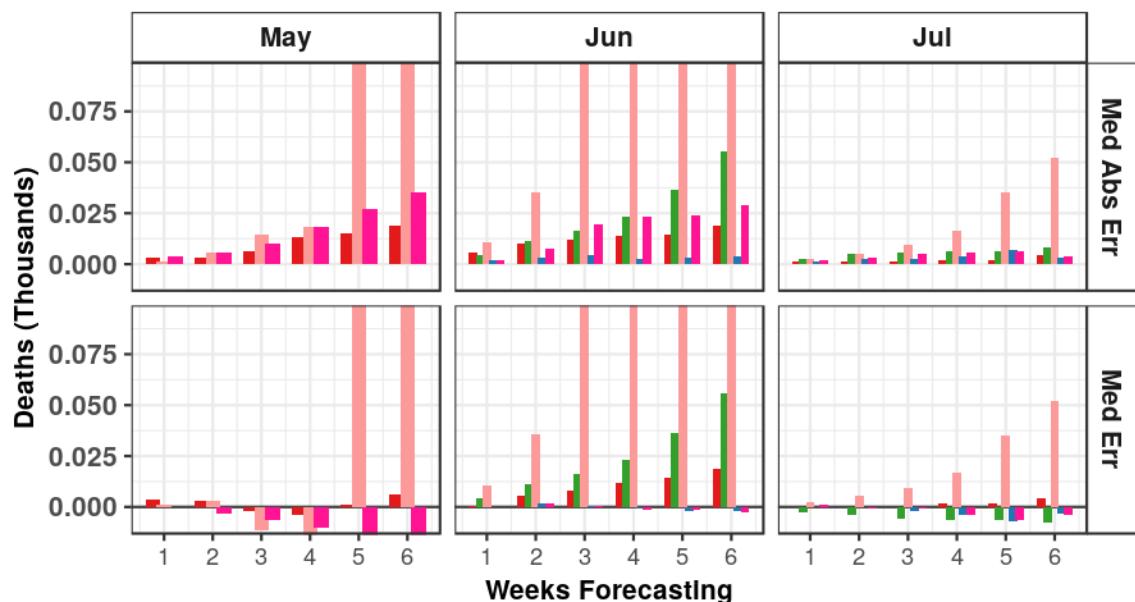
# South Sudan

## Current Forecast

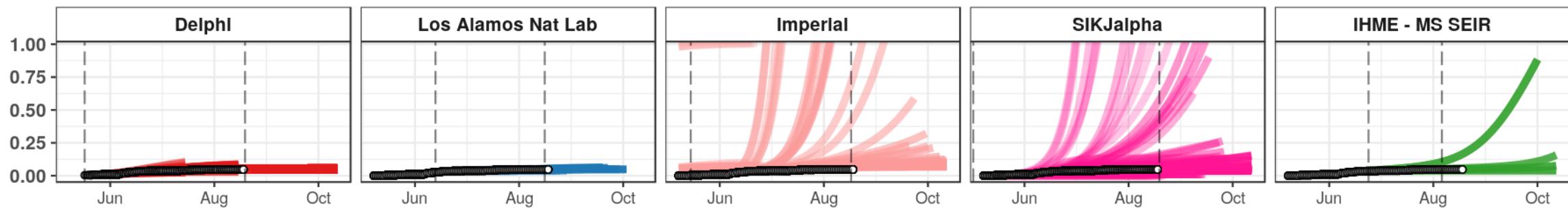
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



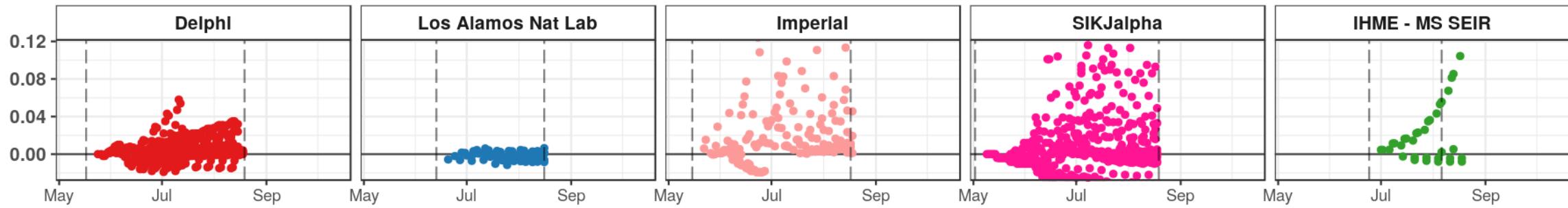
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



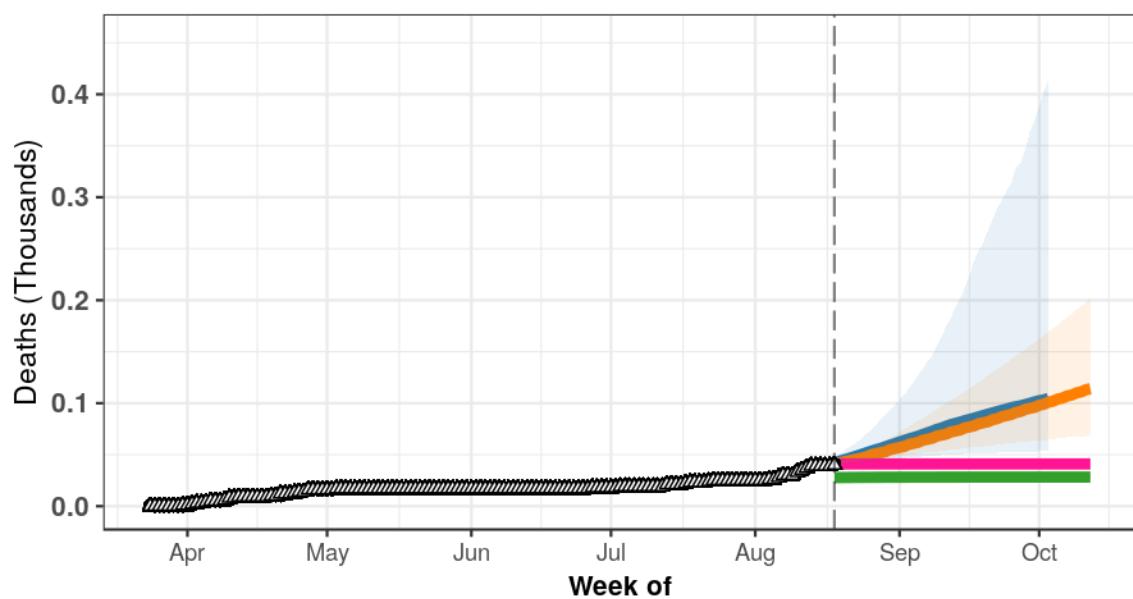
## All Cumulative Errors



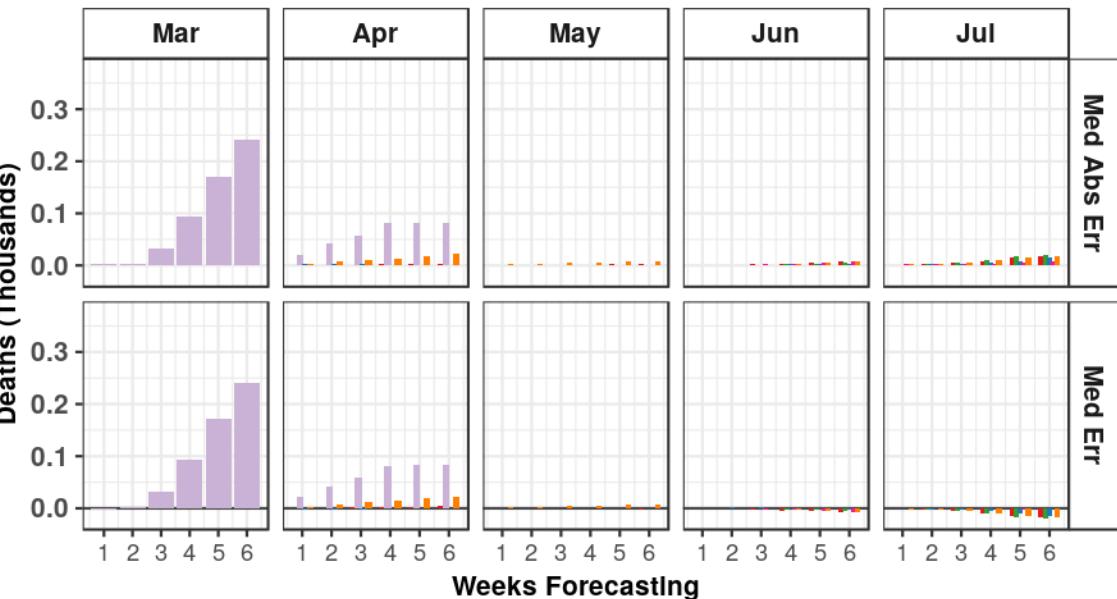
# Hawaii

## Current Forecast

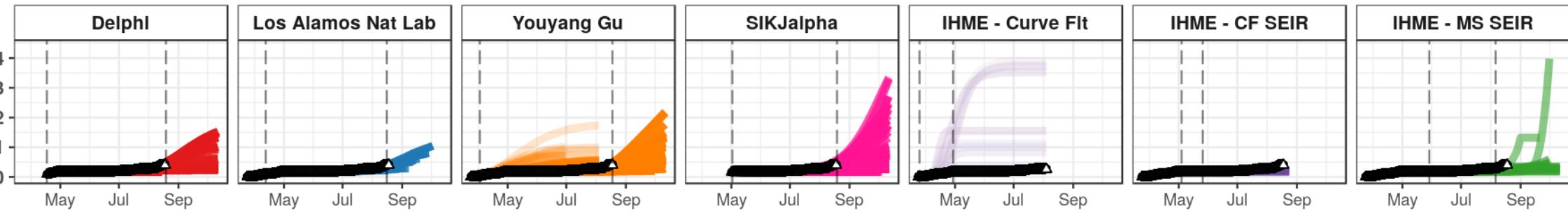
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   NY



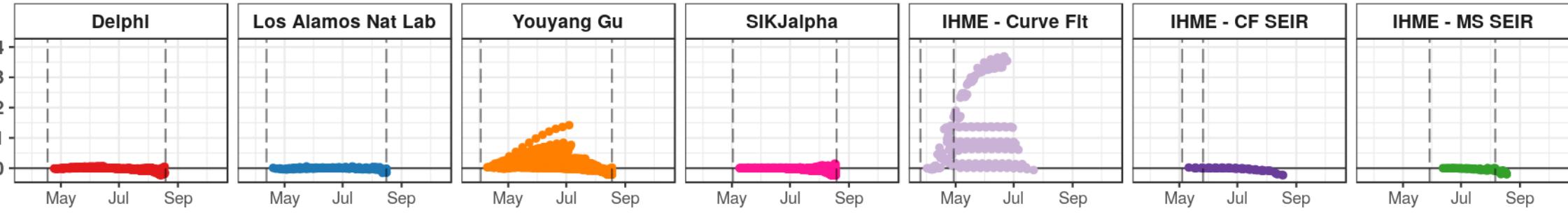
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



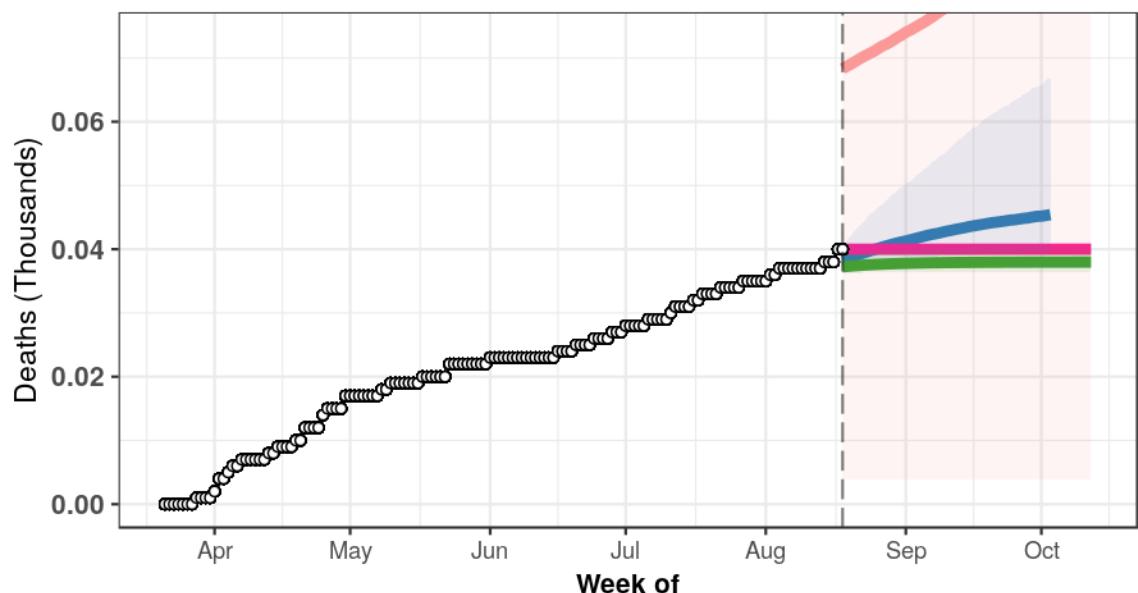
## All Cumulative Errors



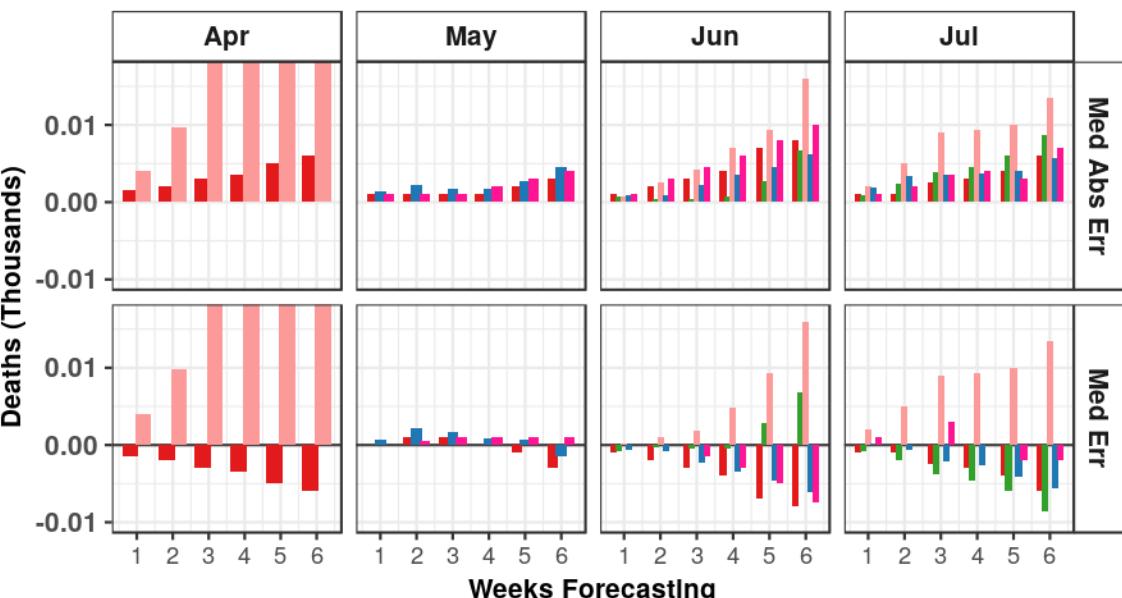
# Uruguay

## Current Forecast

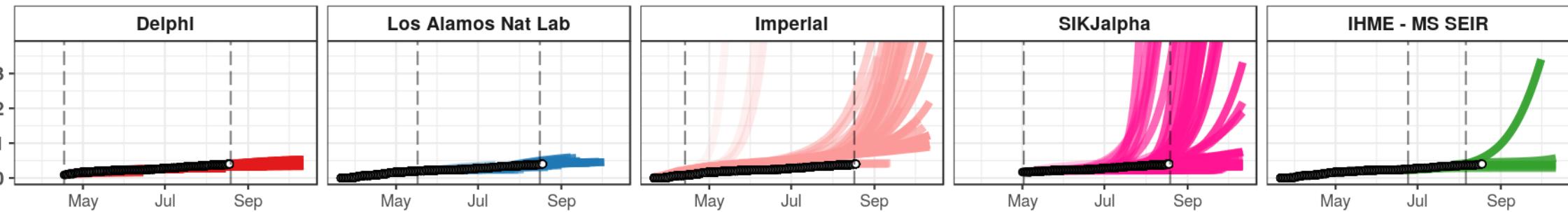
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



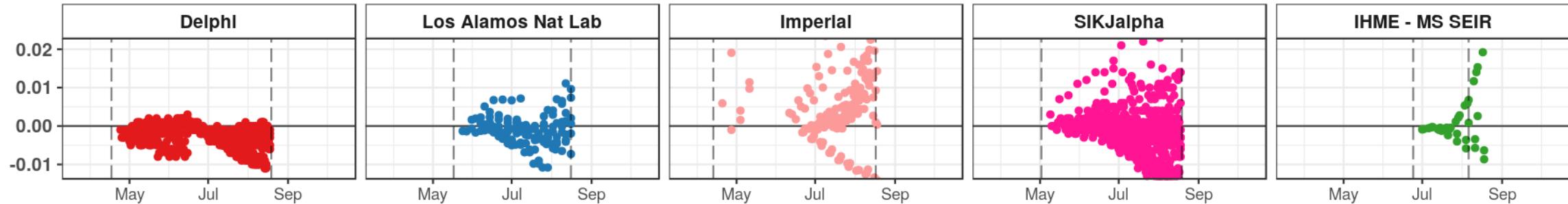
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



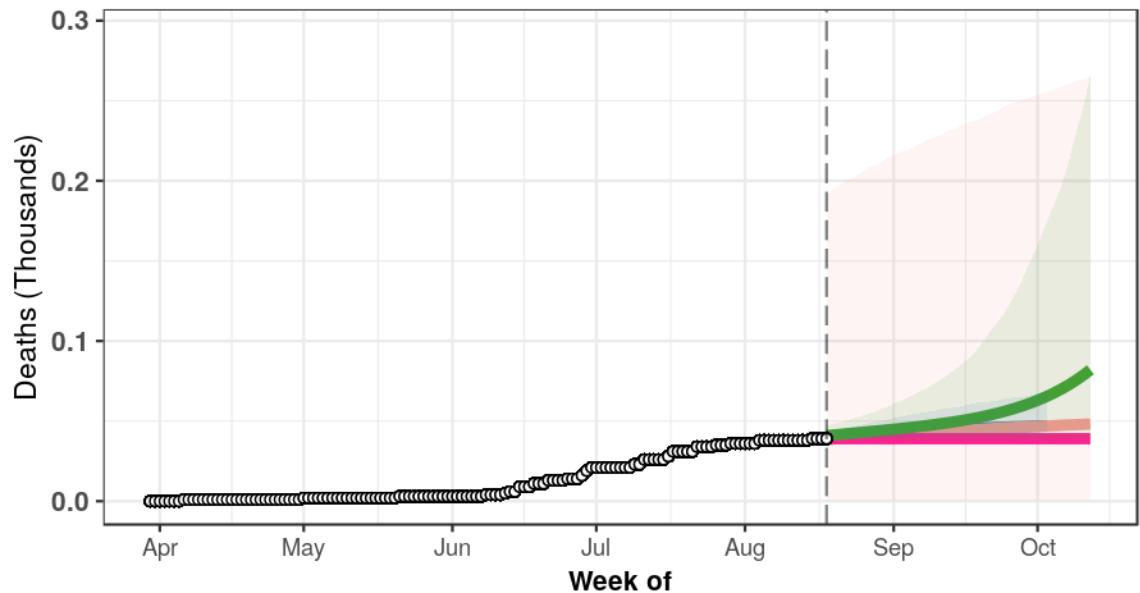
## All Cumulative Errors



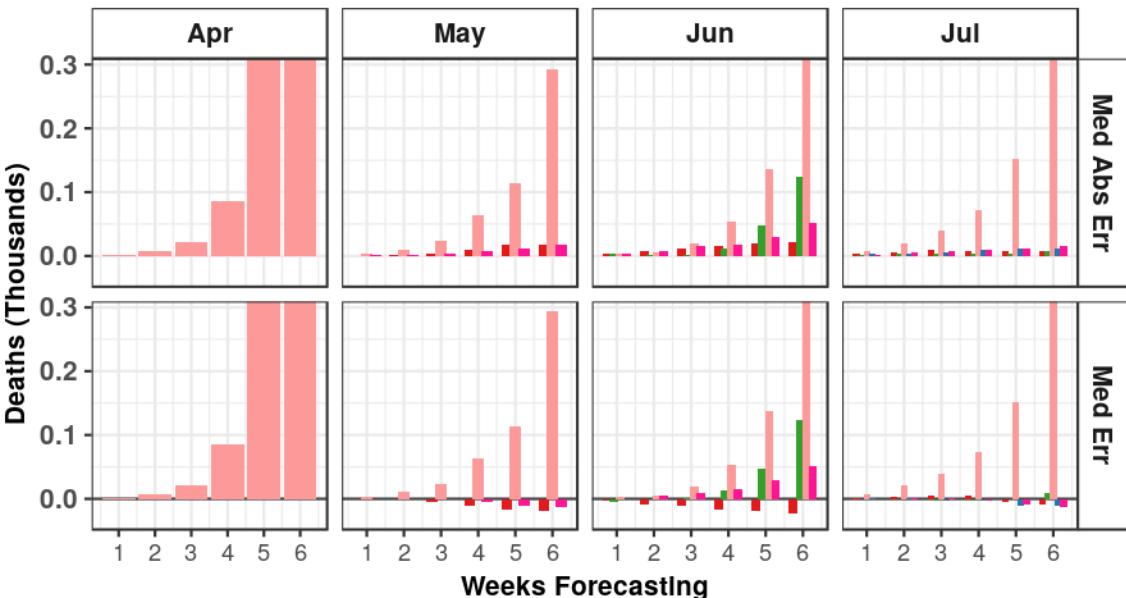
# Benin

## Current Forecast

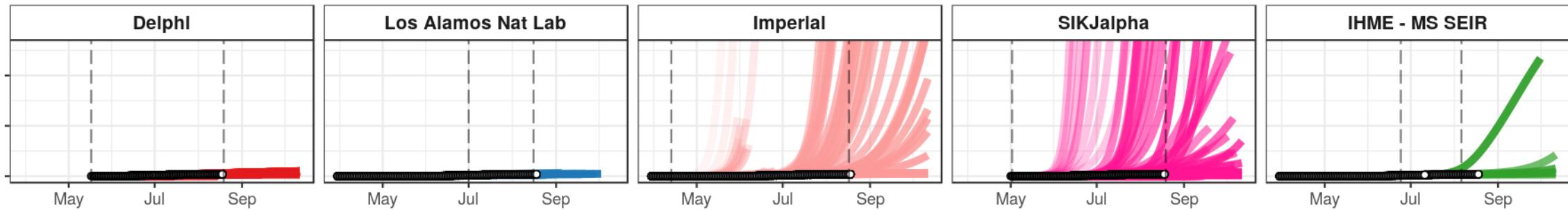
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



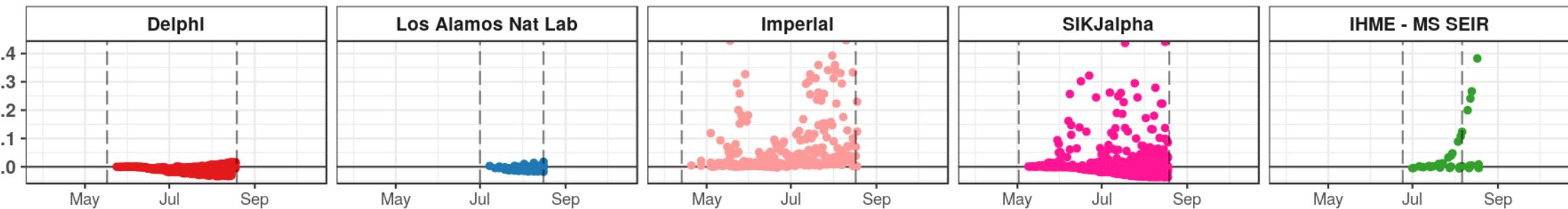
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



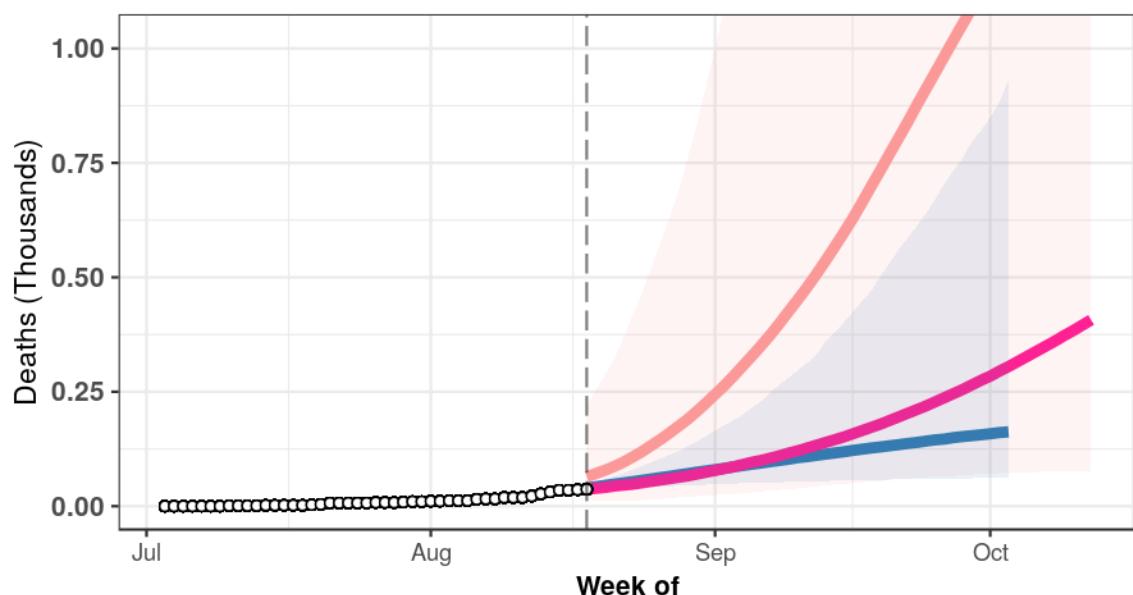
## All Cumulative Errors



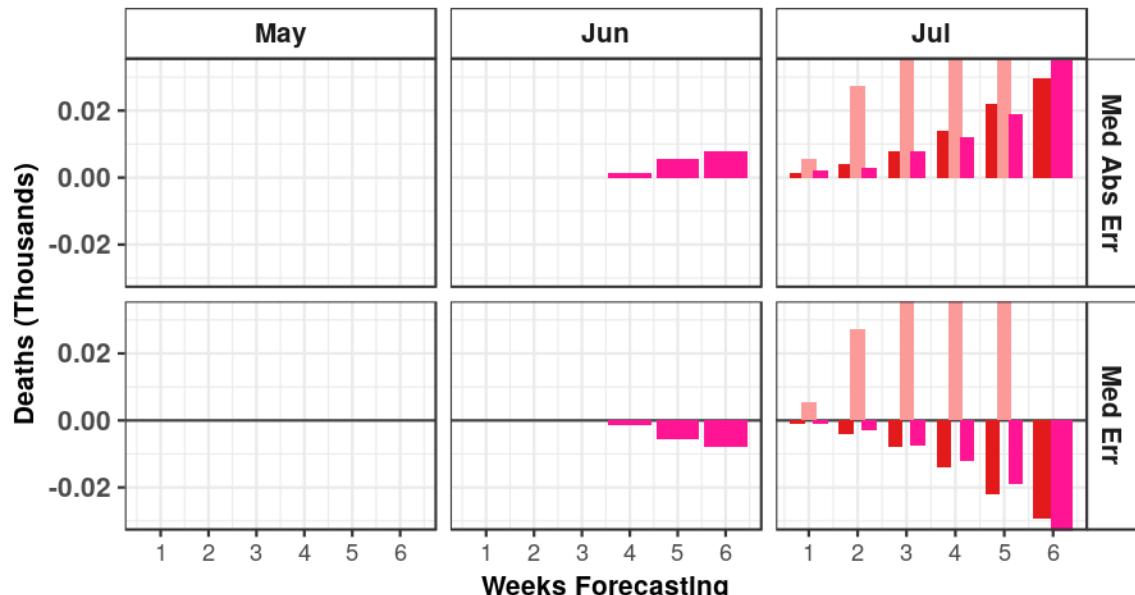
# Namibia

## Current Forecast

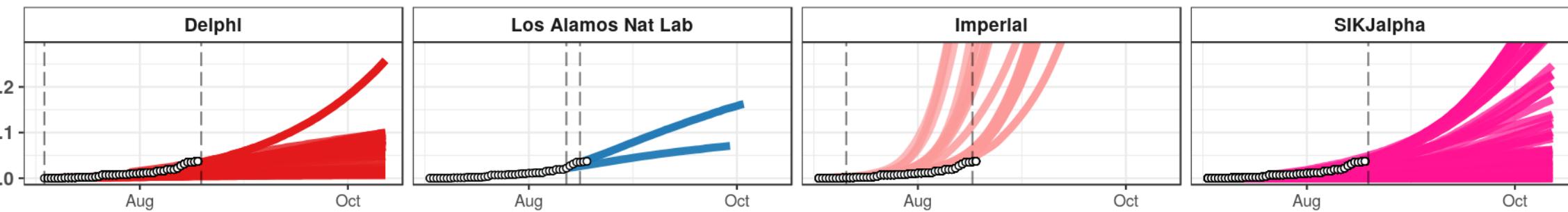
Los Alamos Nat Lab   Imperial   SIKJalpha



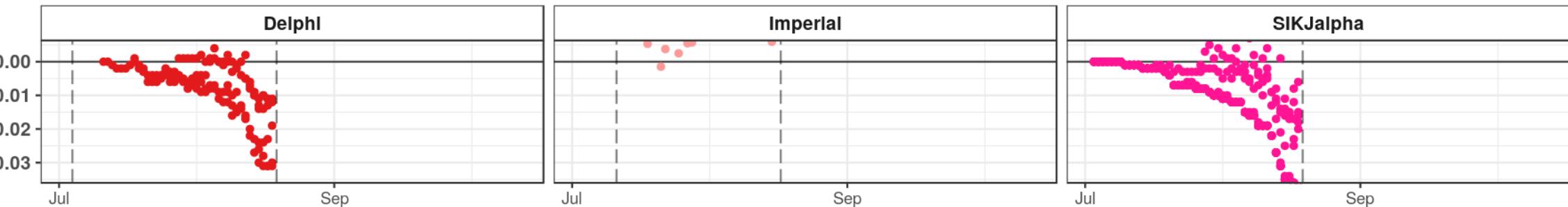
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

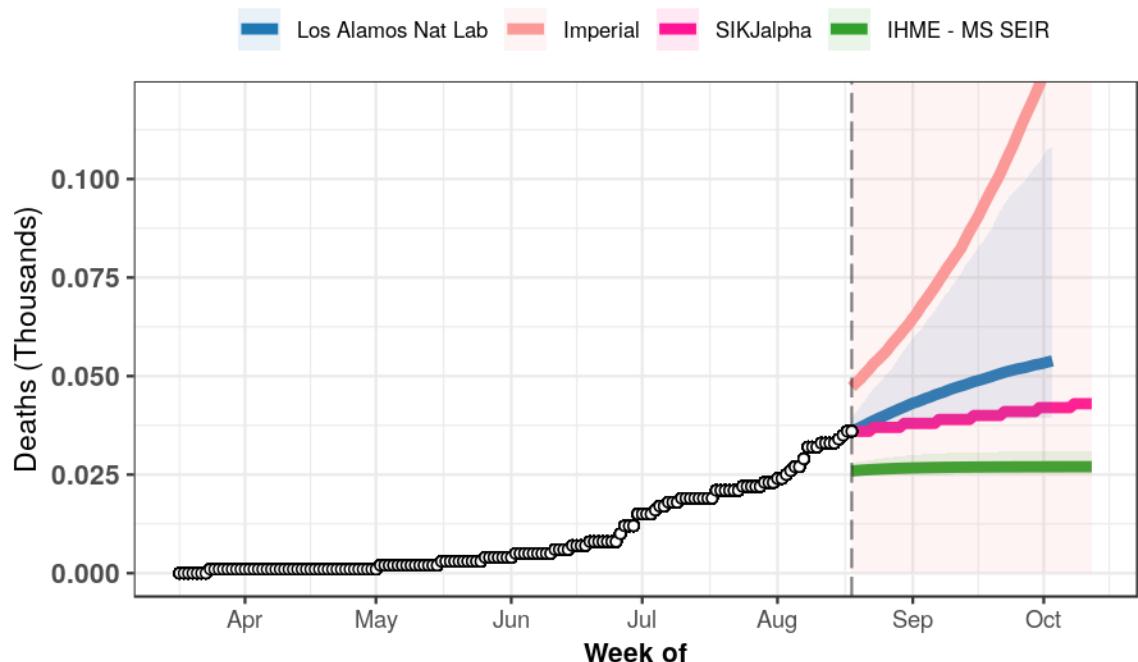


## All Cumulative Errors

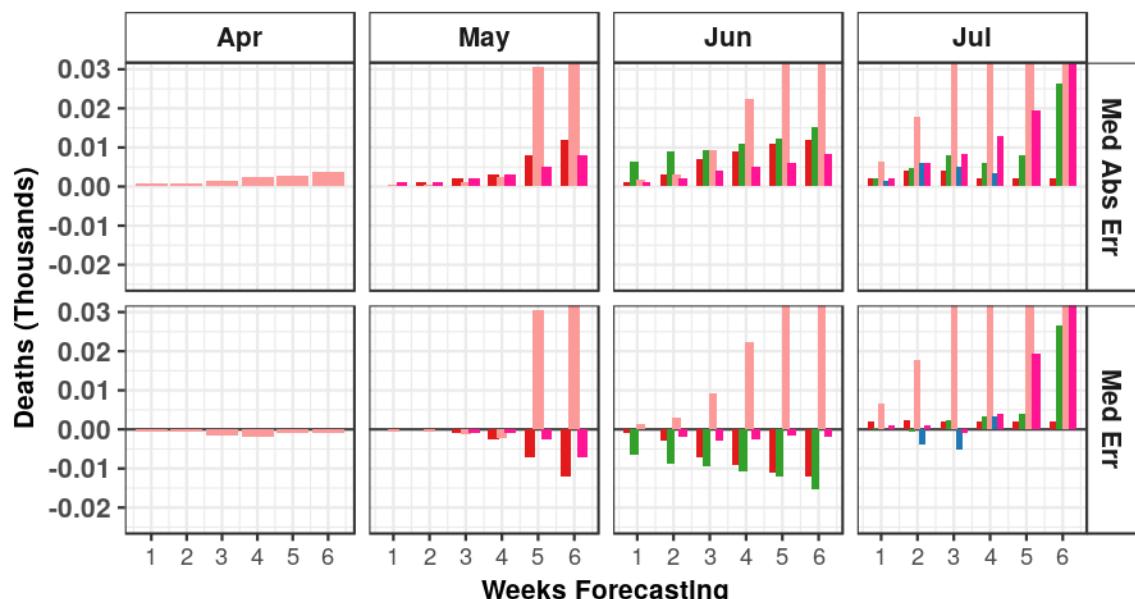


# Cape Verde

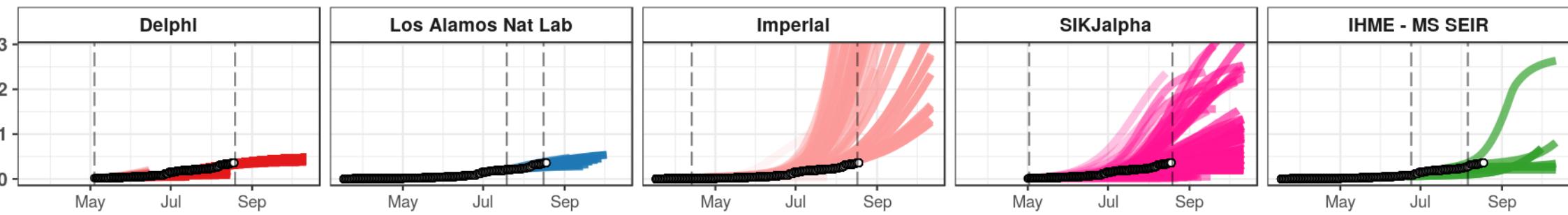
## Current Forecast



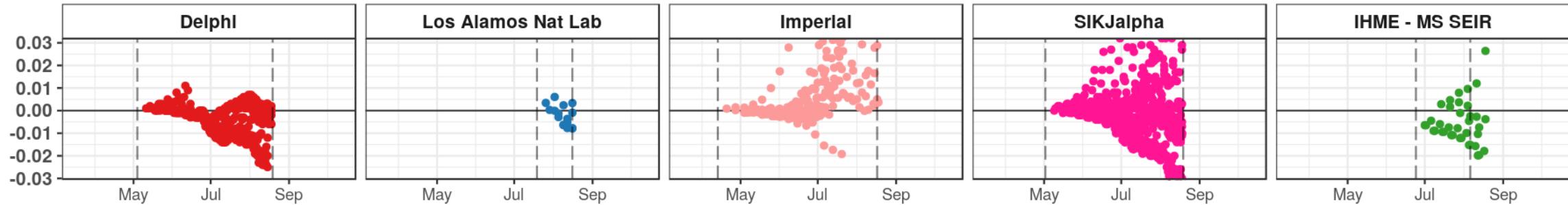
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



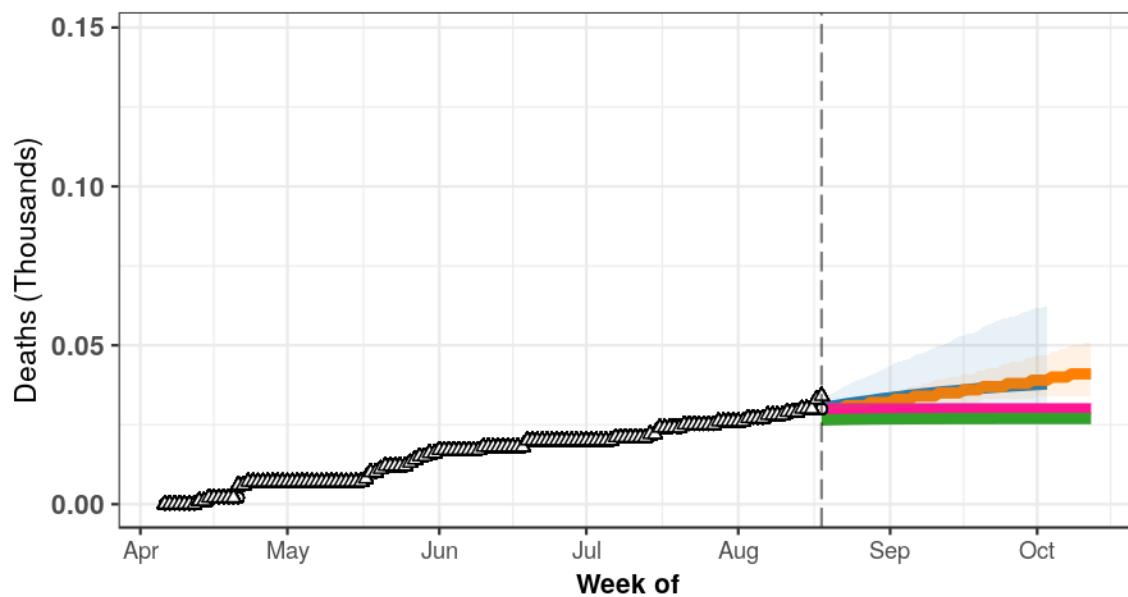
## All Cumulative Errors



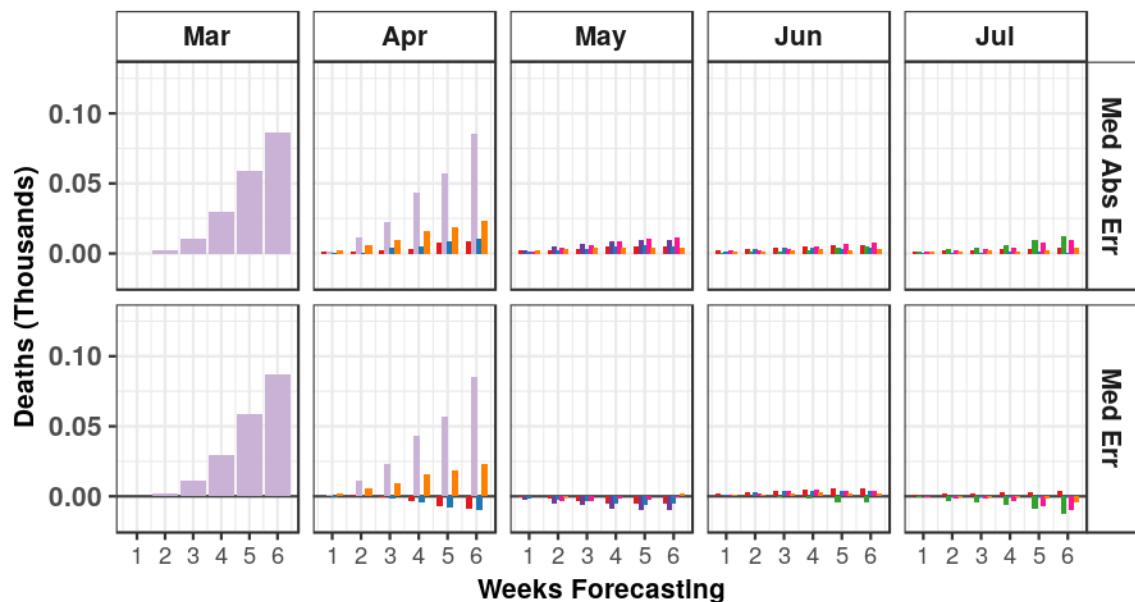
# Wyoming

## Current Forecast

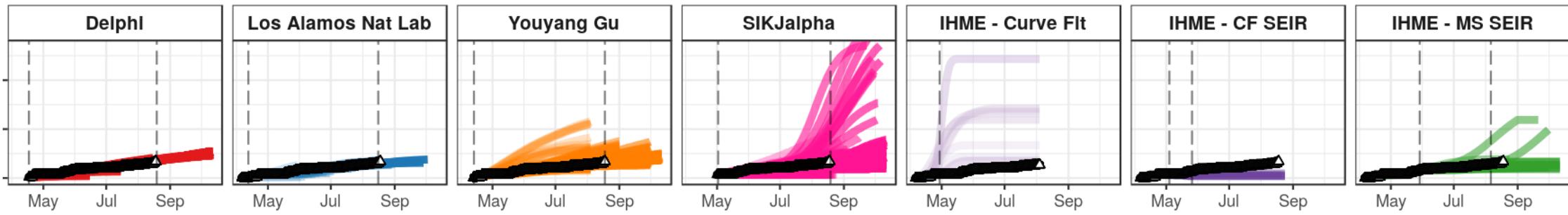
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   N



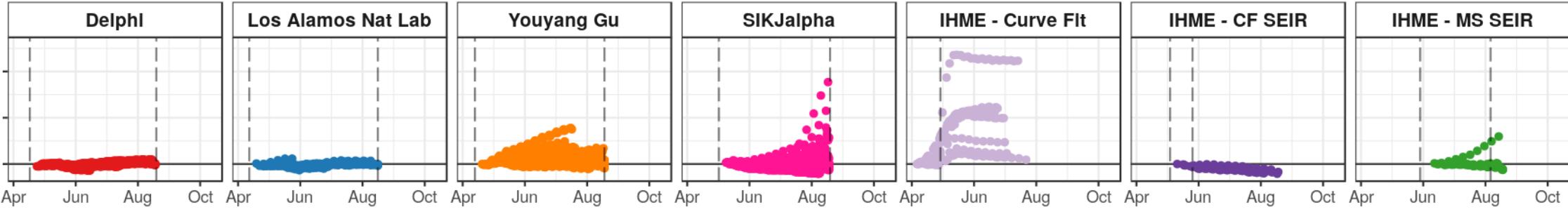
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

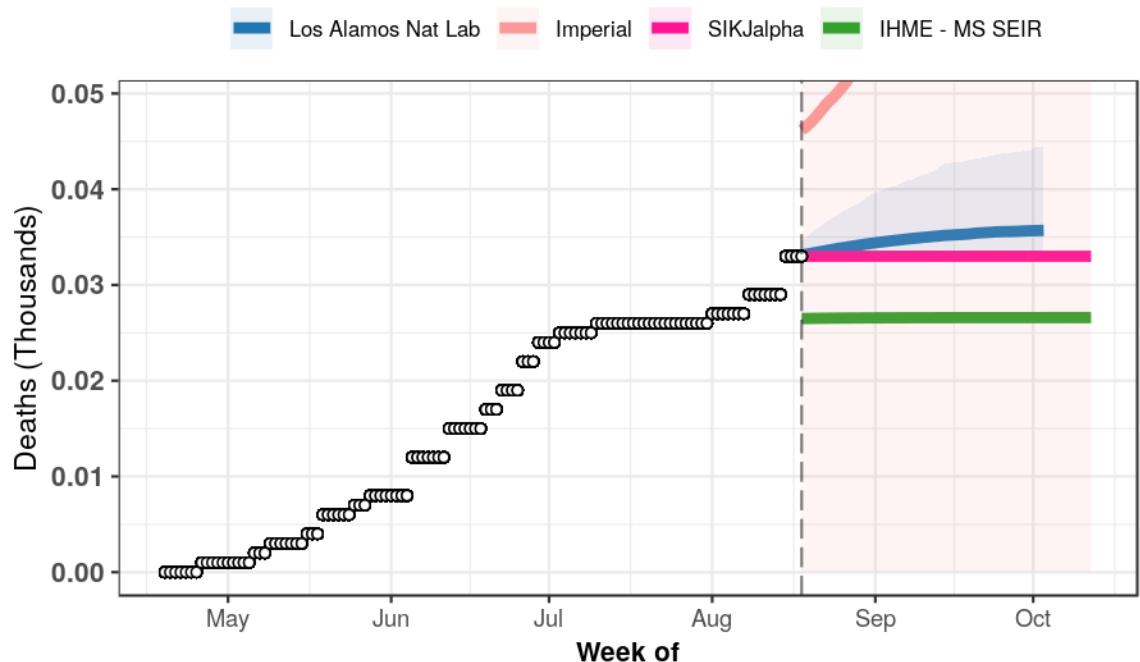


## All Cumulative Errors

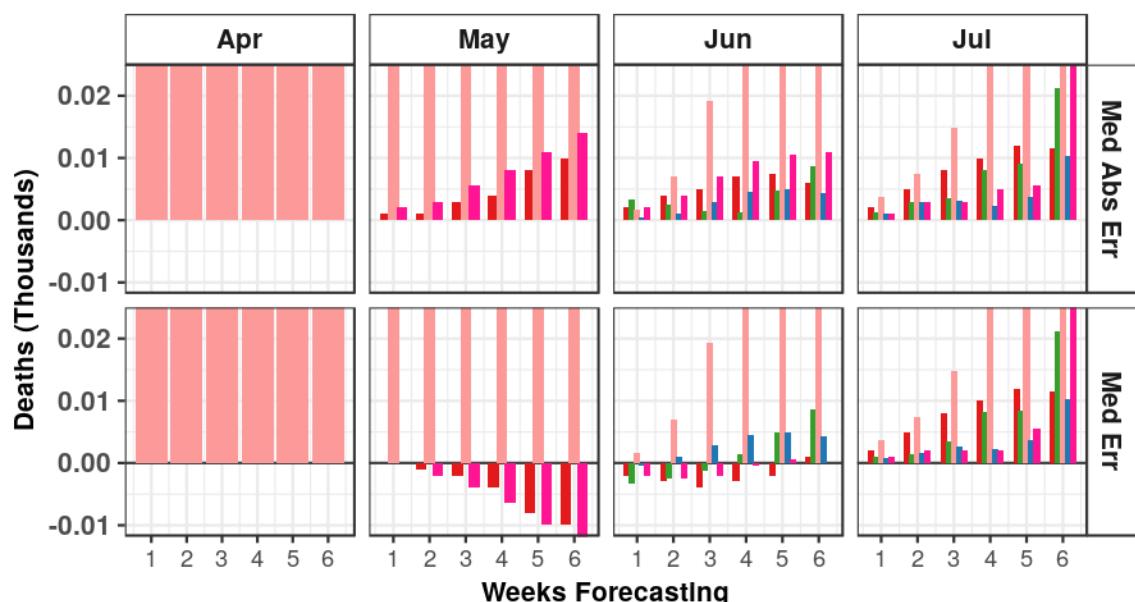


# Guinea-Bissau

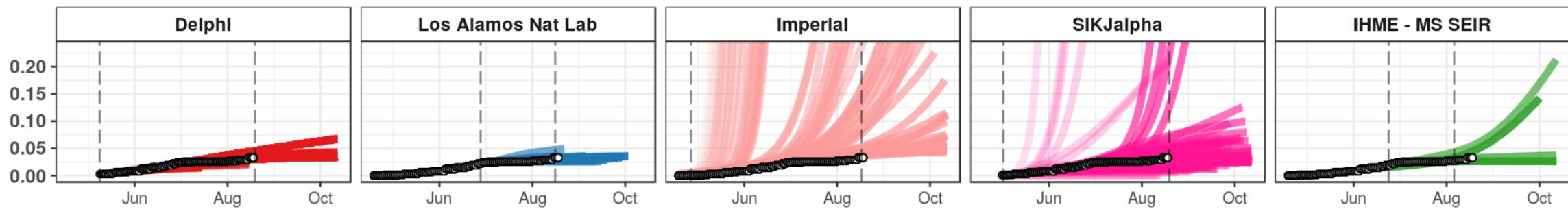
## Current Forecast



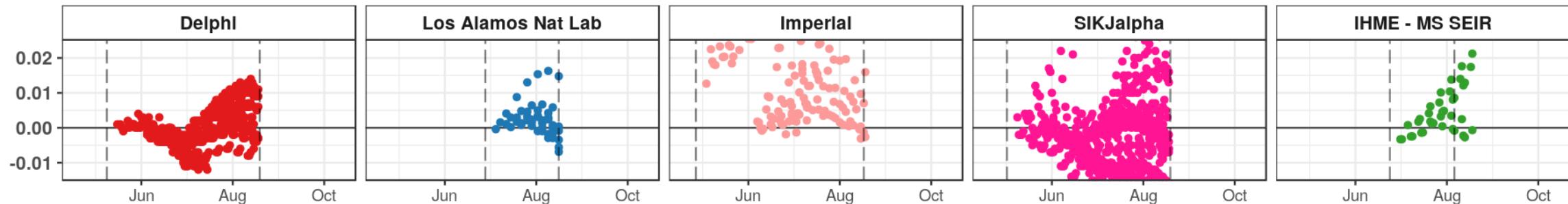
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



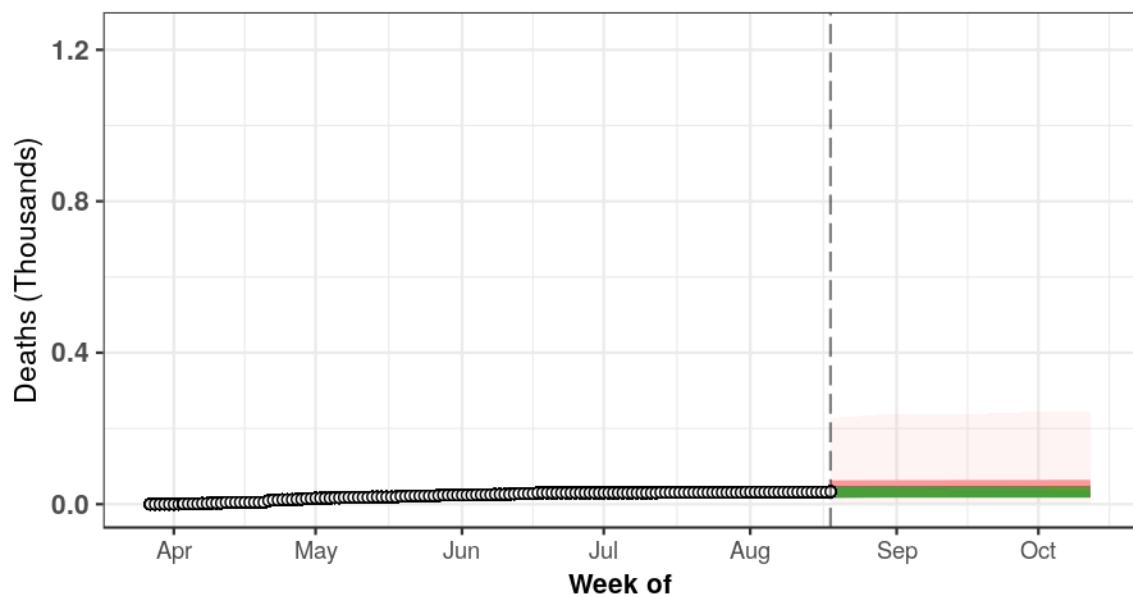
## All Cumulative Errors



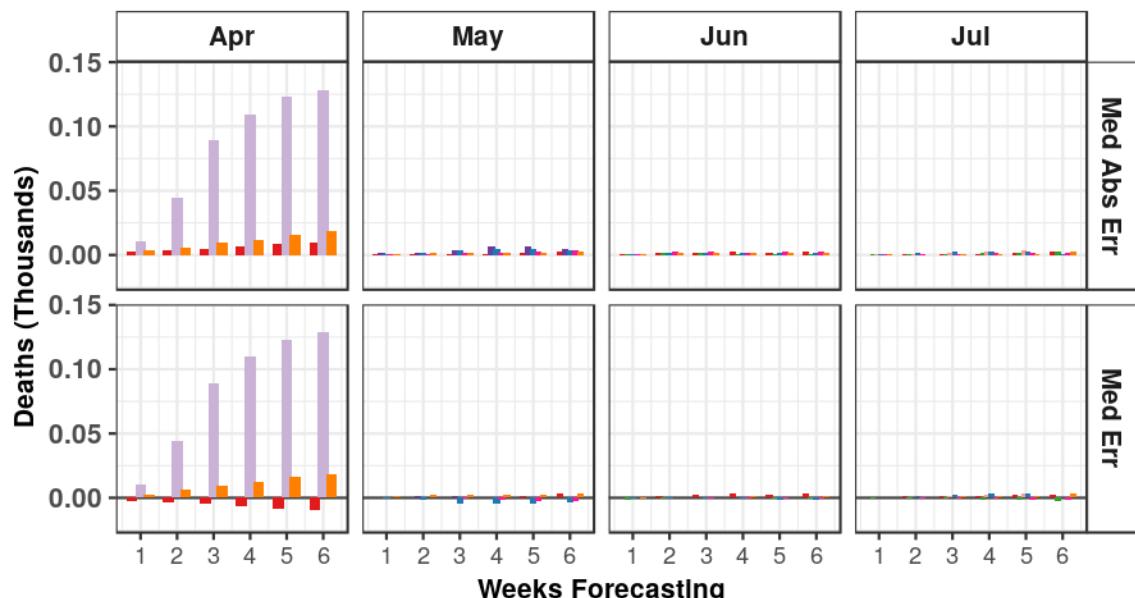
# Latvia

## Current Forecast

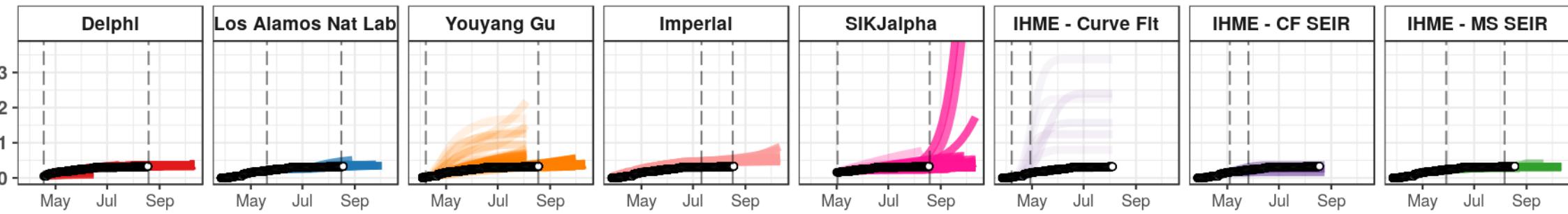
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



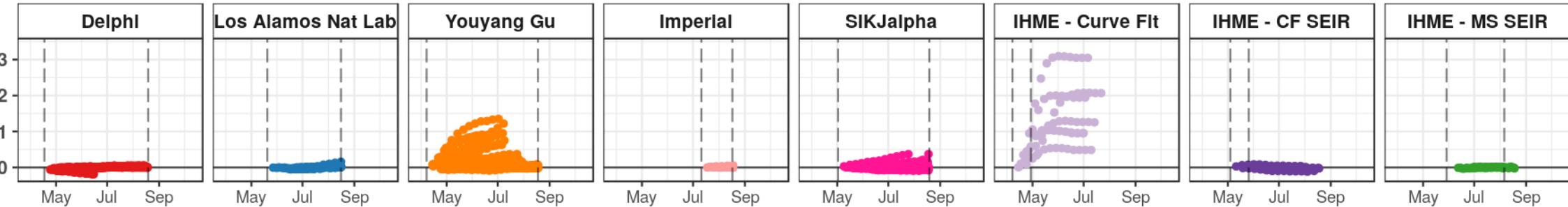
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



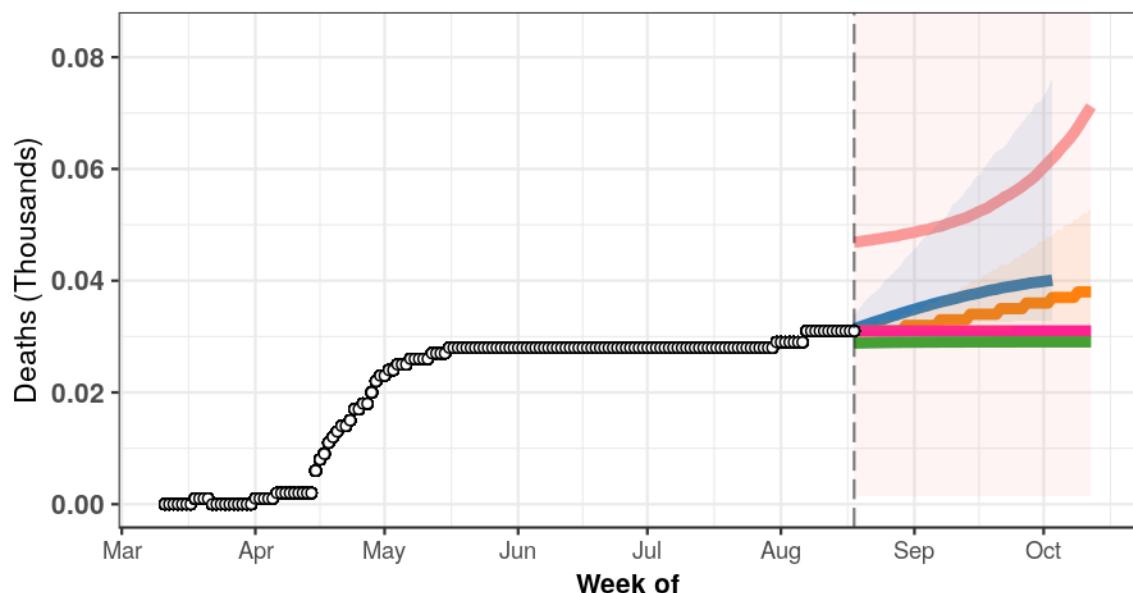
## All Cumulative Errors



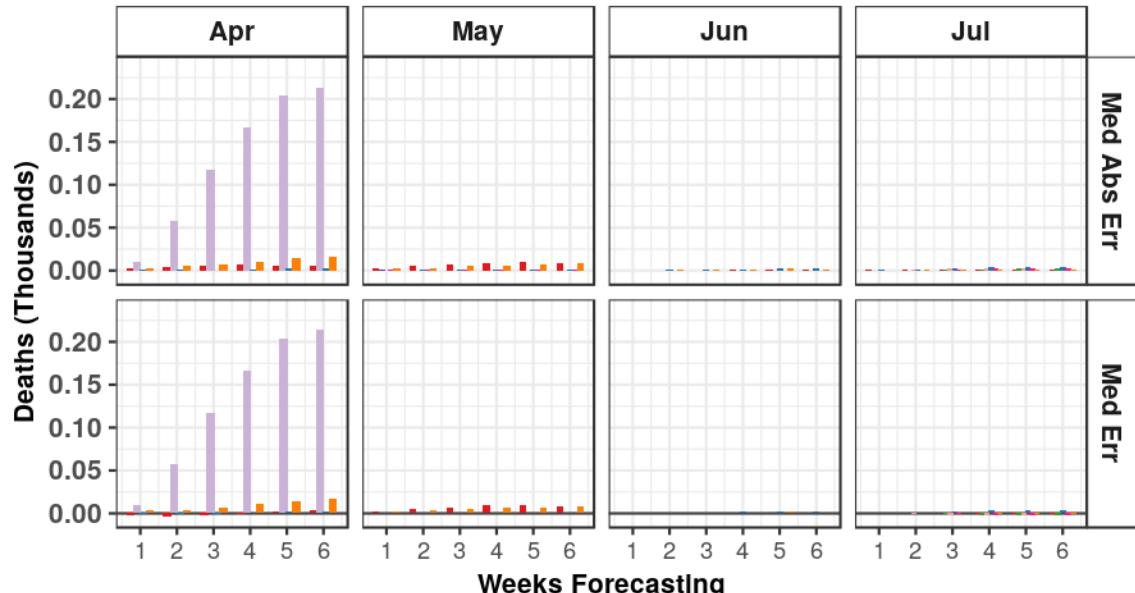
# Slovakia

## Current Forecast

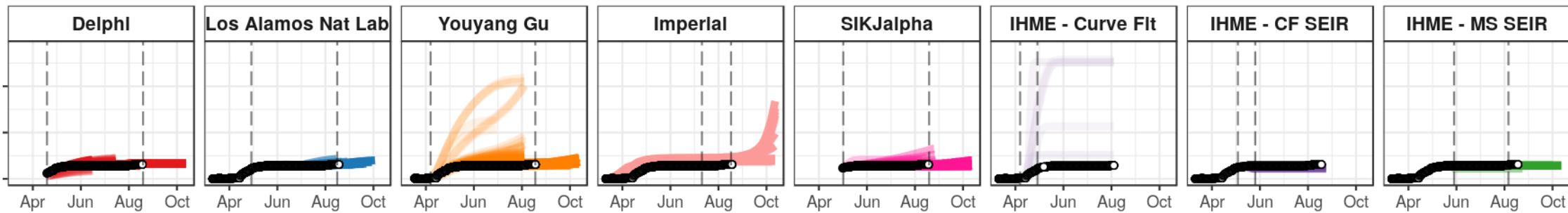
Los Alamos Nat Lab   Youyang Gu   Imperial   SIKJalpha   IHME - MS SEIR



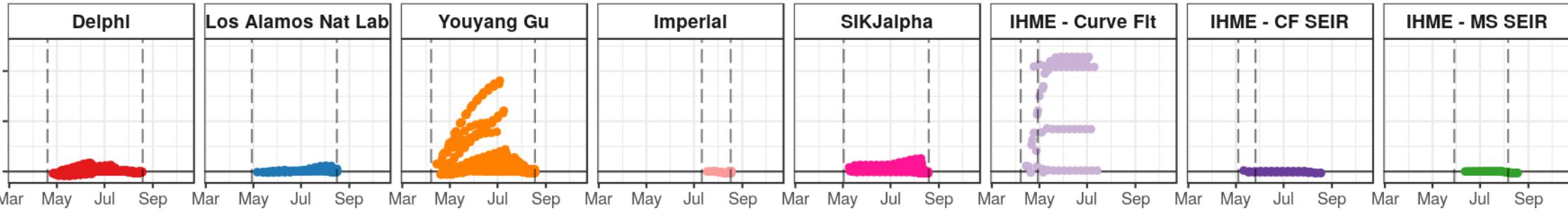
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

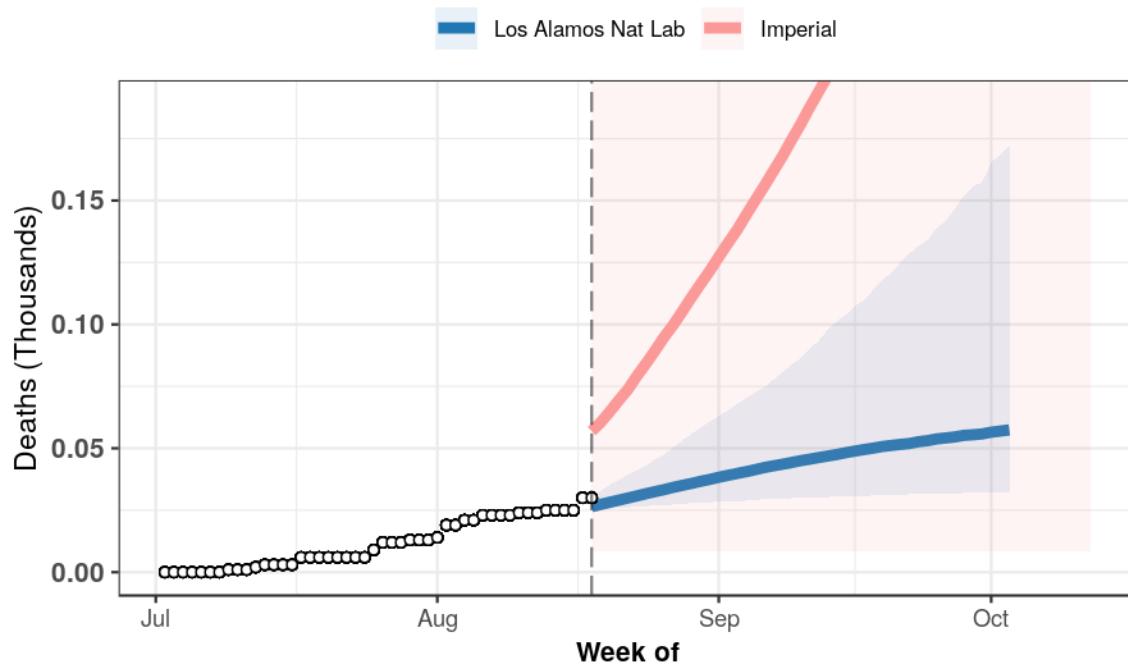


## All Cumulative Errors

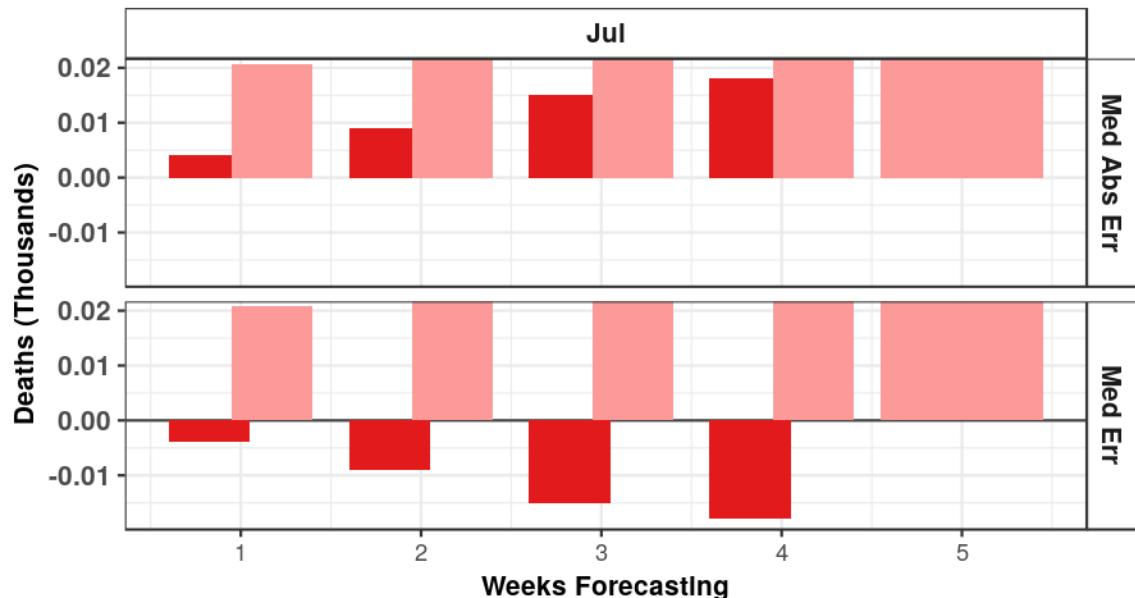


# Lesotho

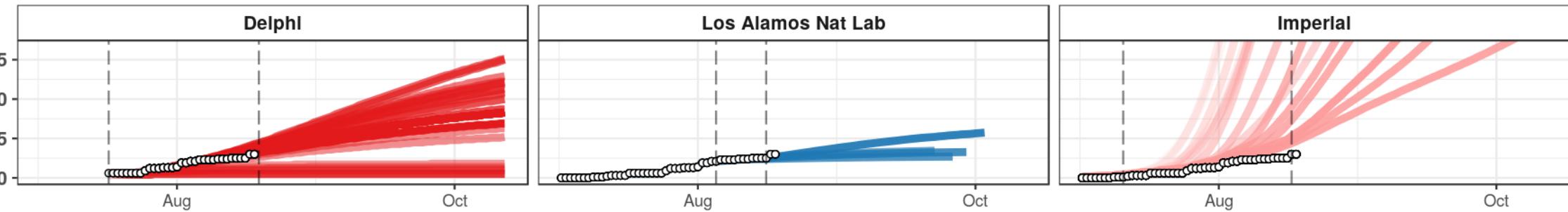
## Current Forecast



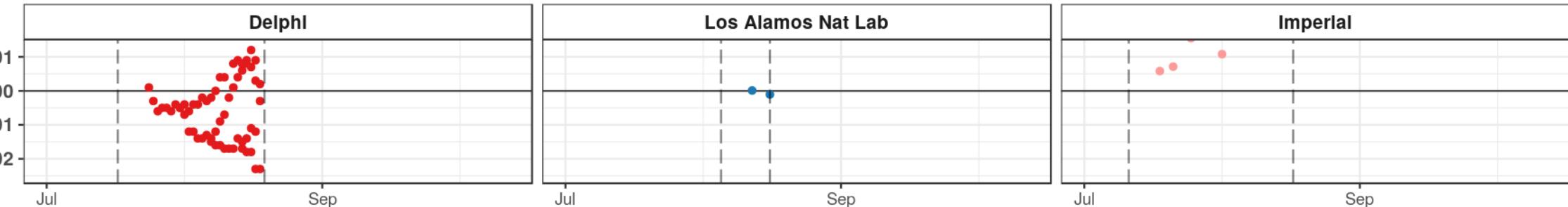
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



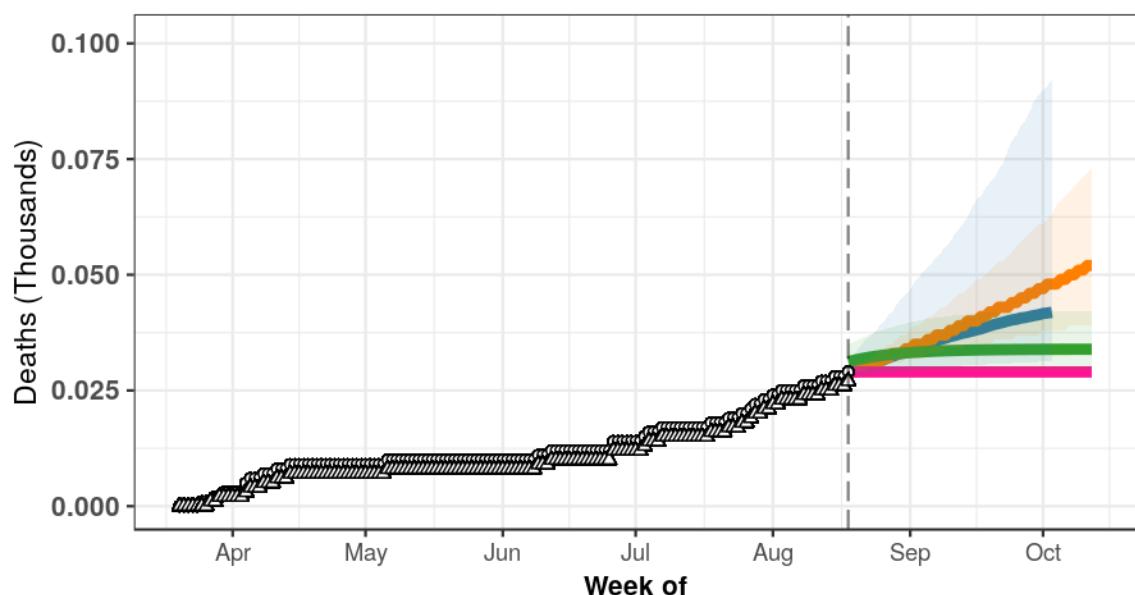
## All Cumulative Errors



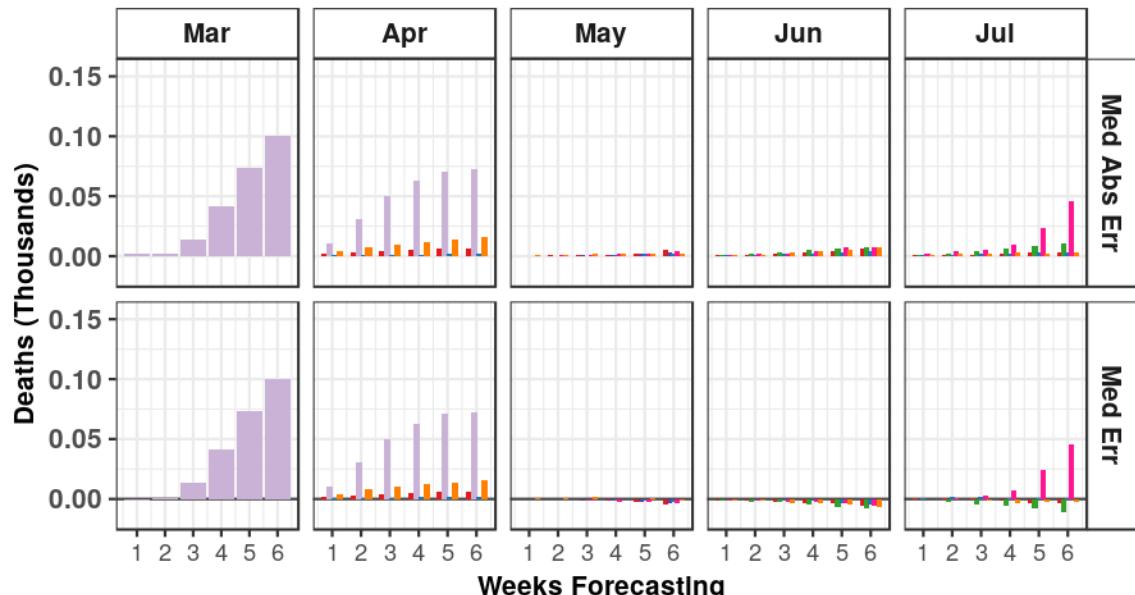
# Alaska

## Current Forecast

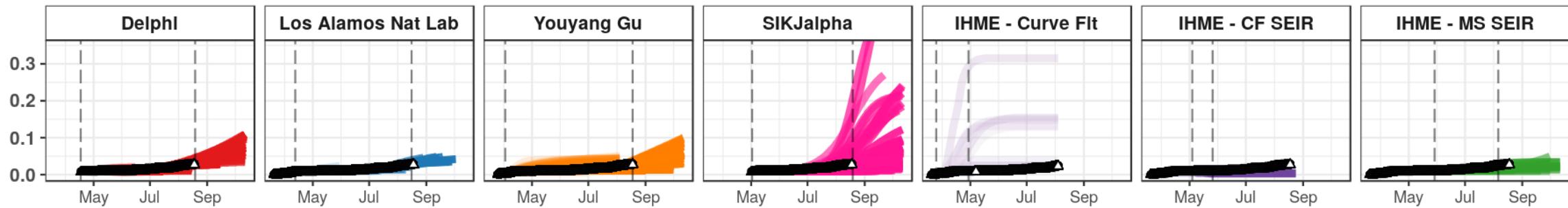
Los Alamos Nat Lab   Youyang Gu   SIKJalpha   IHME - MS SEIR   JHU   N



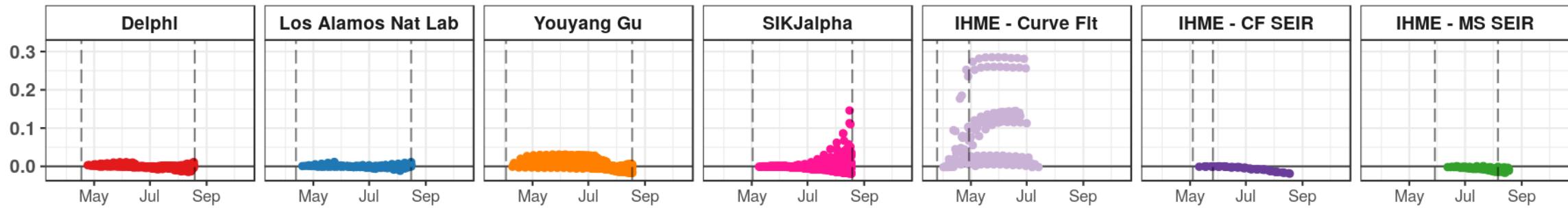
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



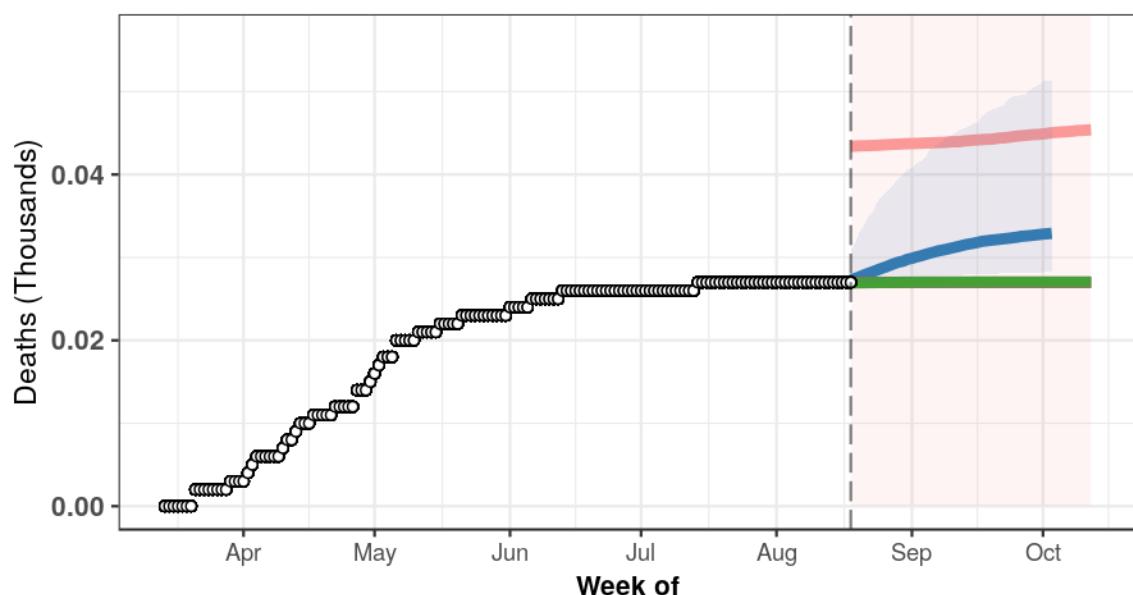
## All Cumulative Errors



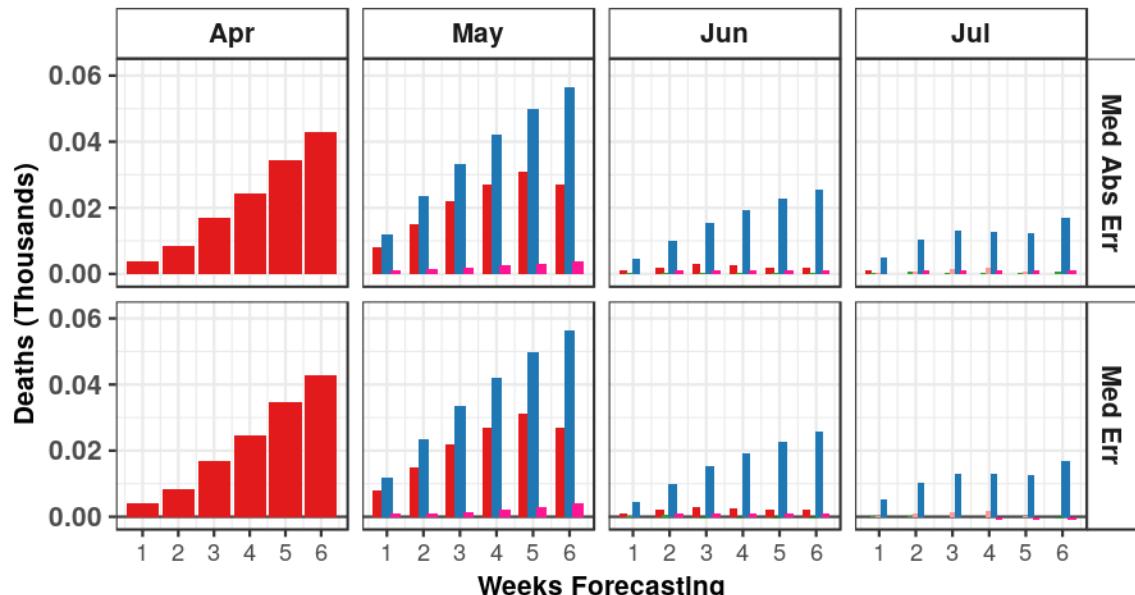
# Singapore

## Current Forecast

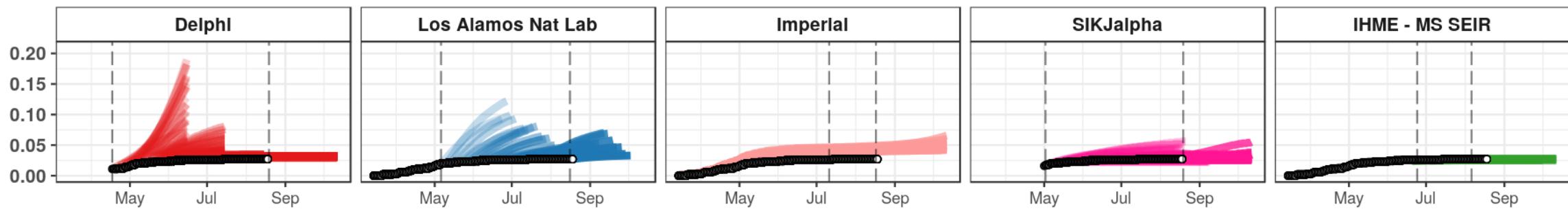
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



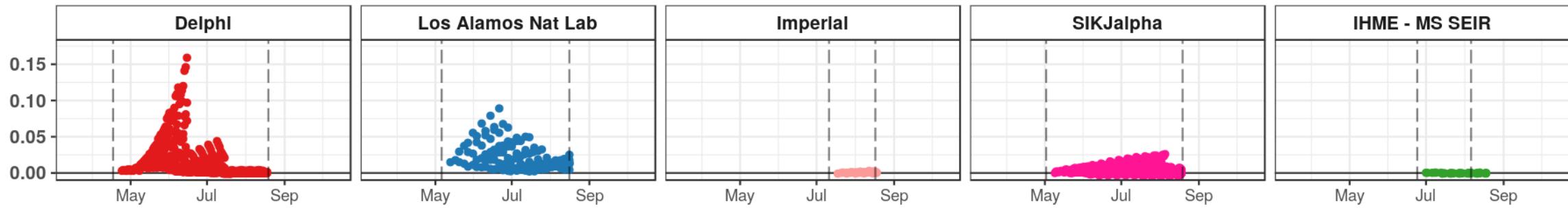
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



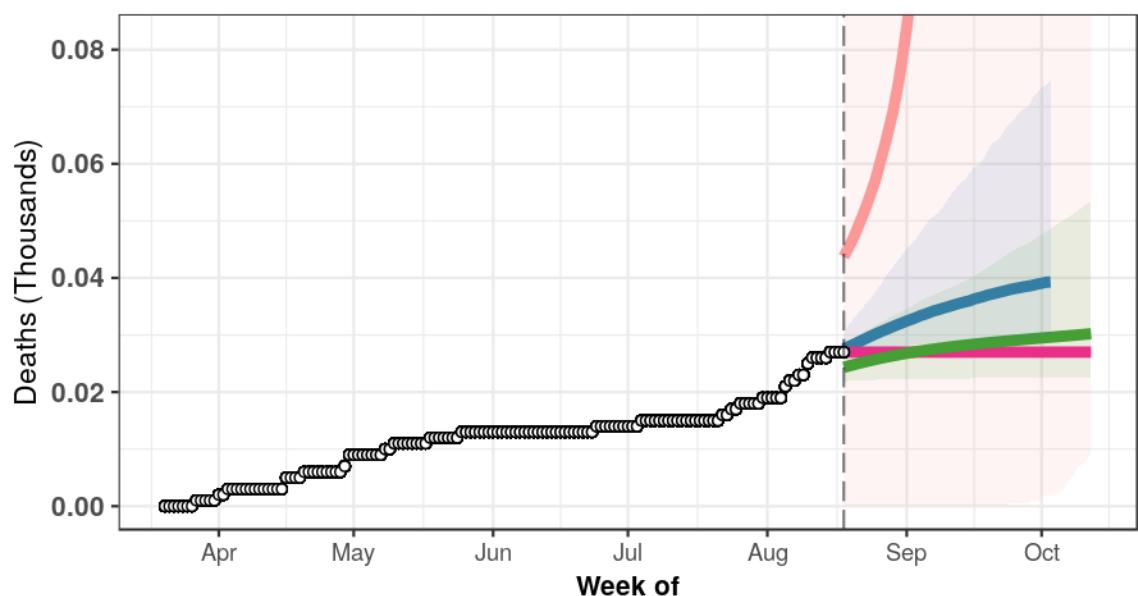
## All Cumulative Errors



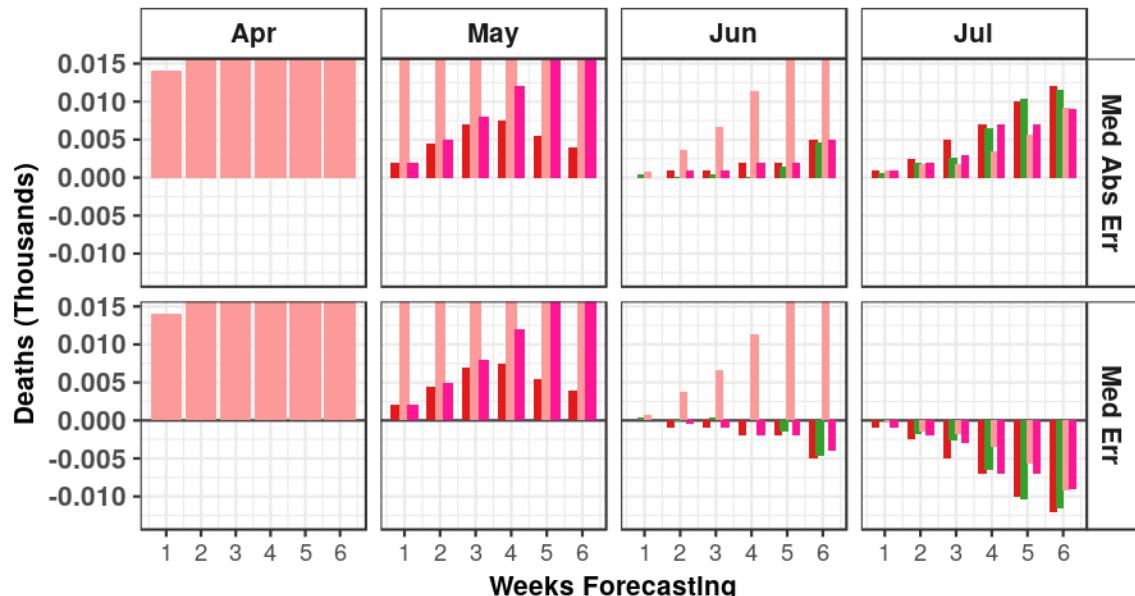
# Togo

## Current Forecast

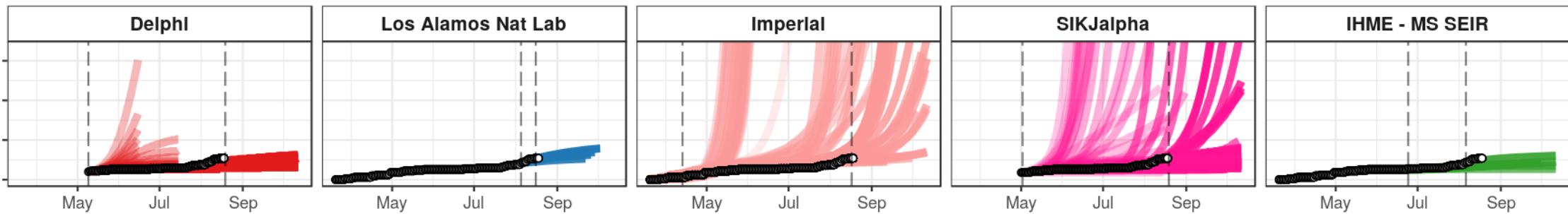
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



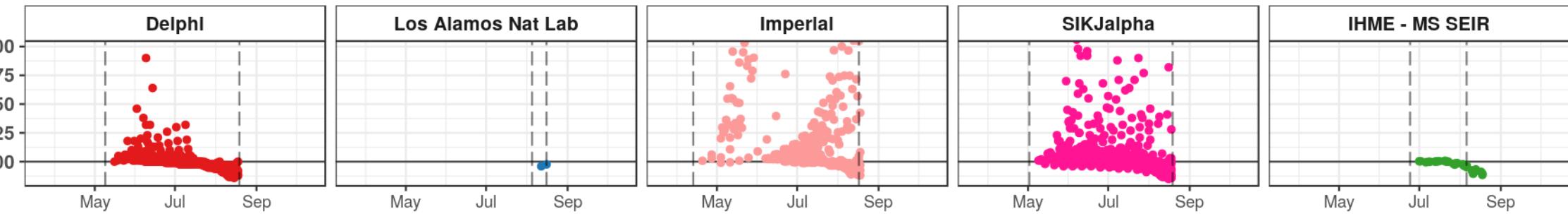
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

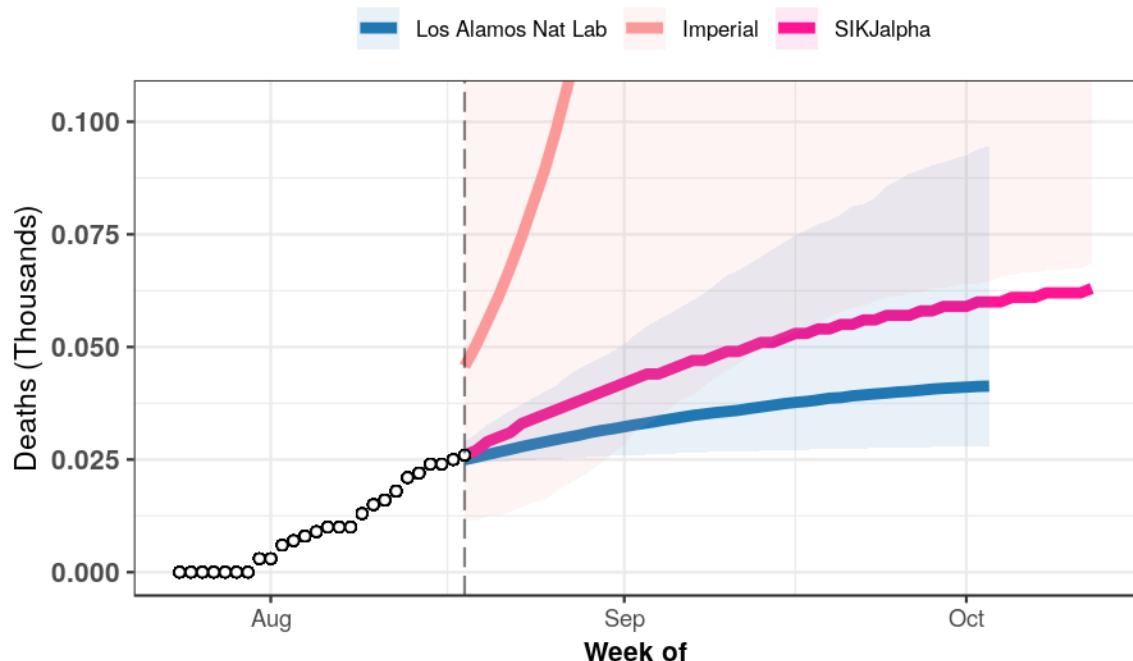


## All Cumulative Errors

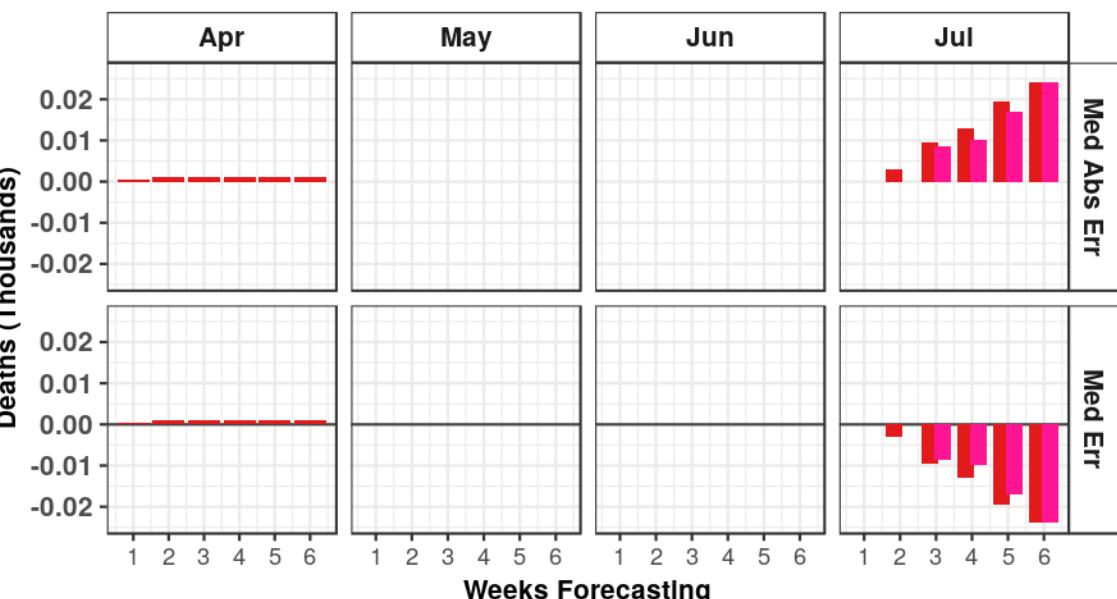


# Vietnam

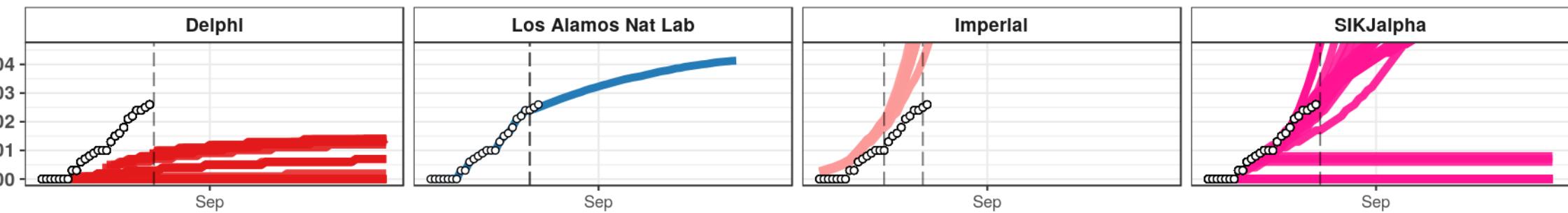
## Current Forecast



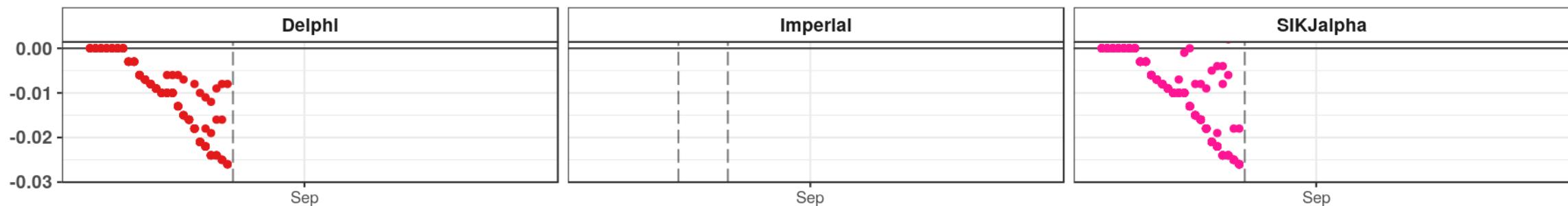
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



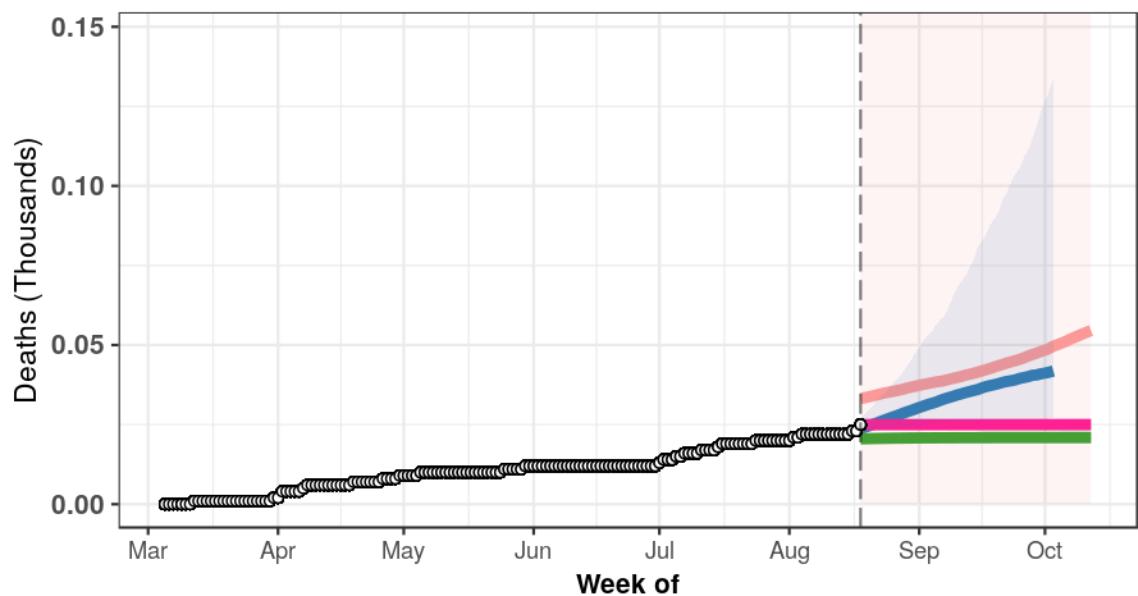
## All Cumulative Errors



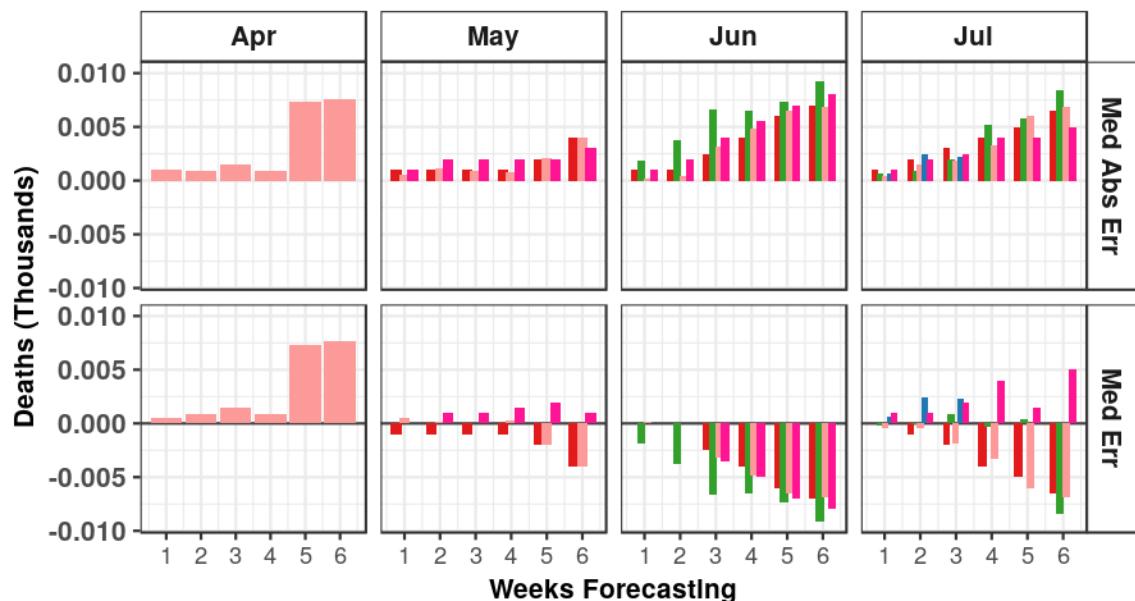
# Guyana

## Current Forecast

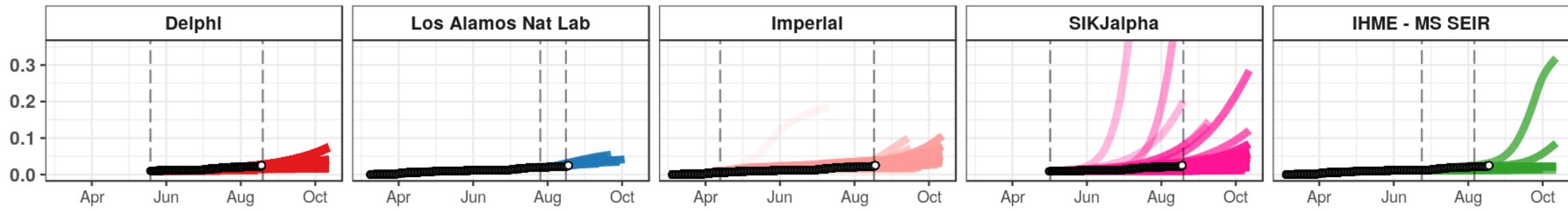
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



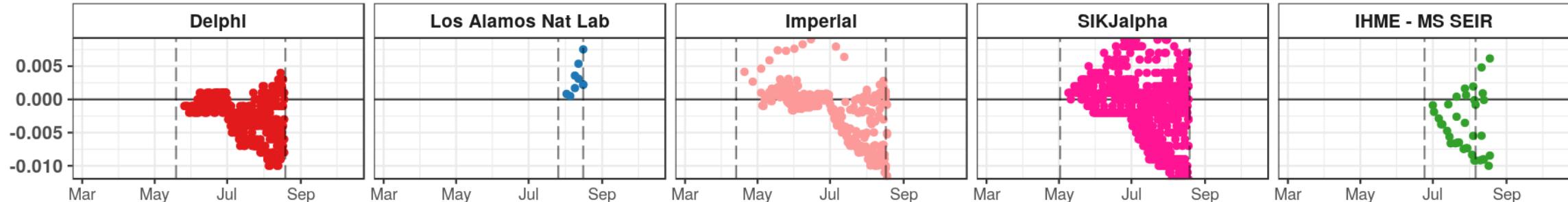
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



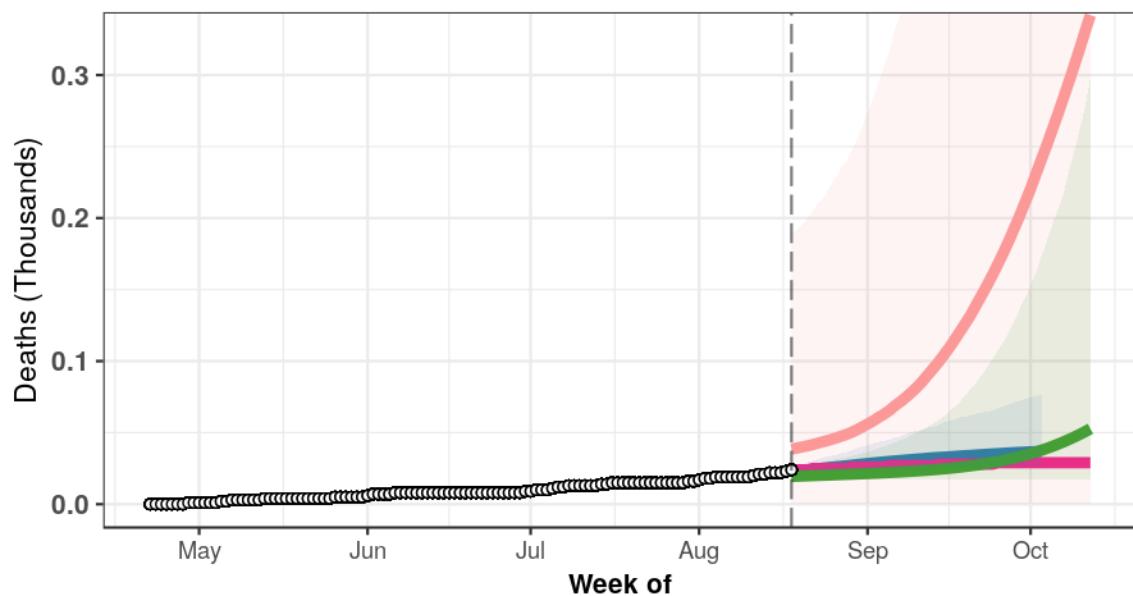
## All Cumulative Errors



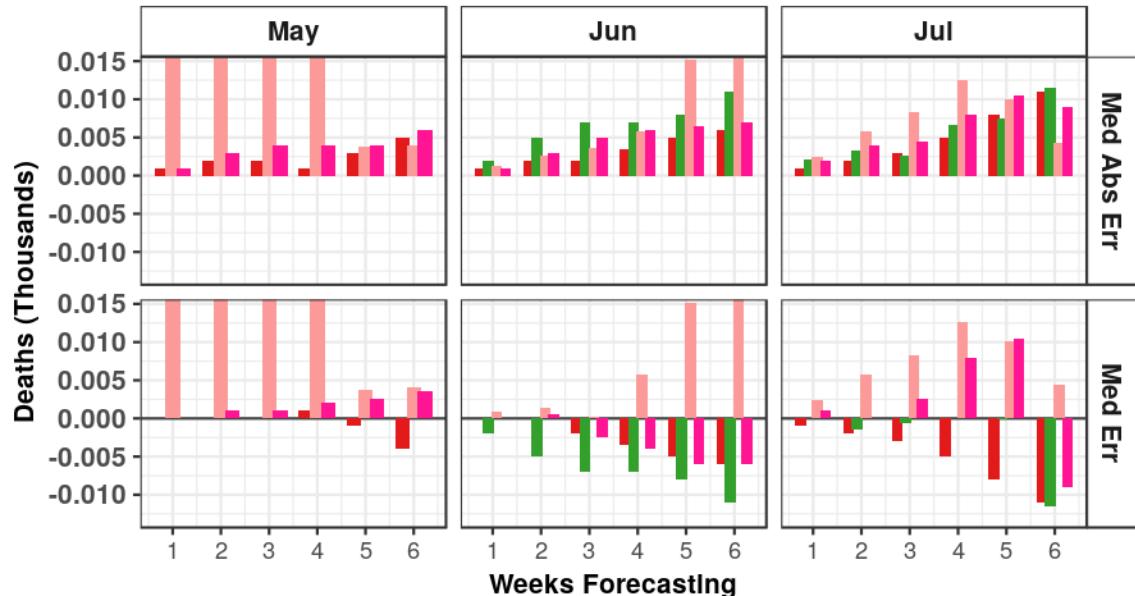
# Maldives

## Current Forecast

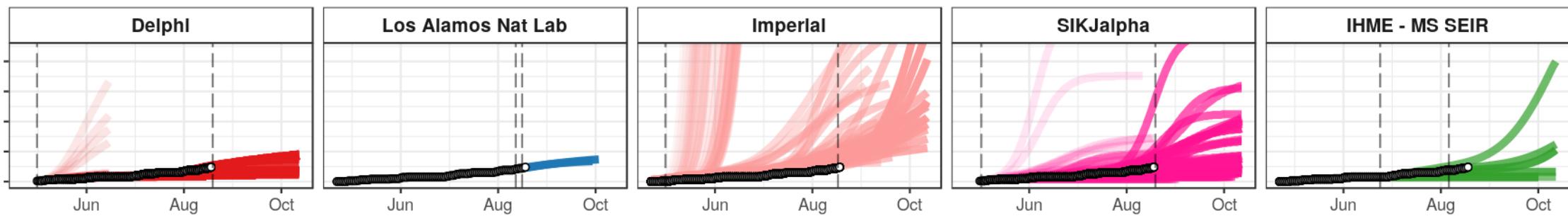
Los Alamos Nat Lab   Imperial   SIKJalpha   IHME - MS SEIR



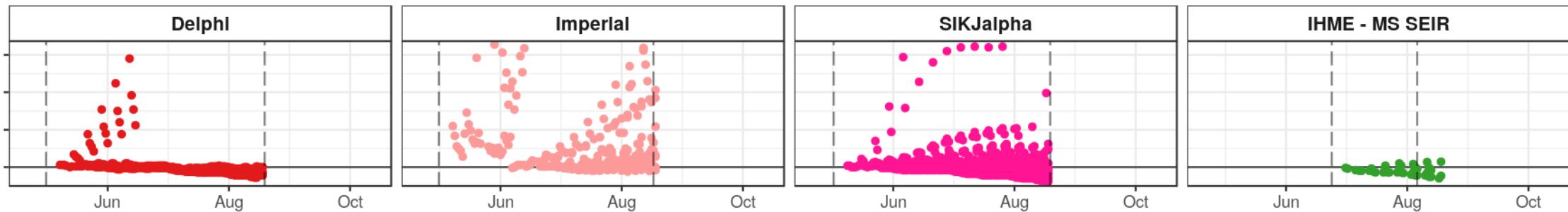
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

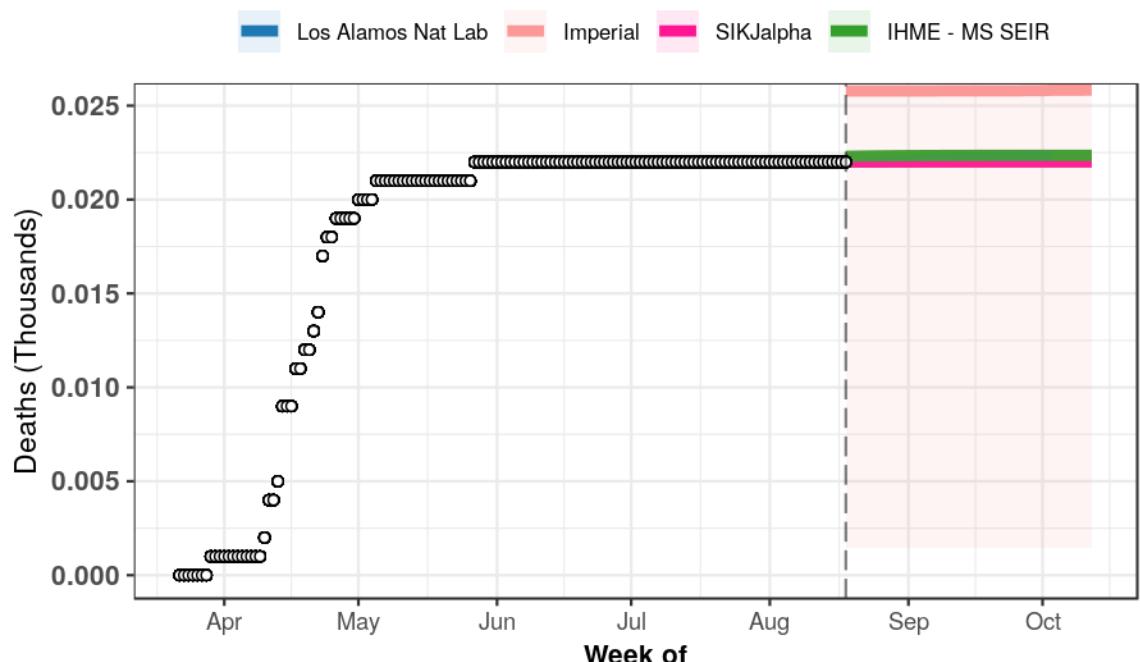


## All Cumulative Errors

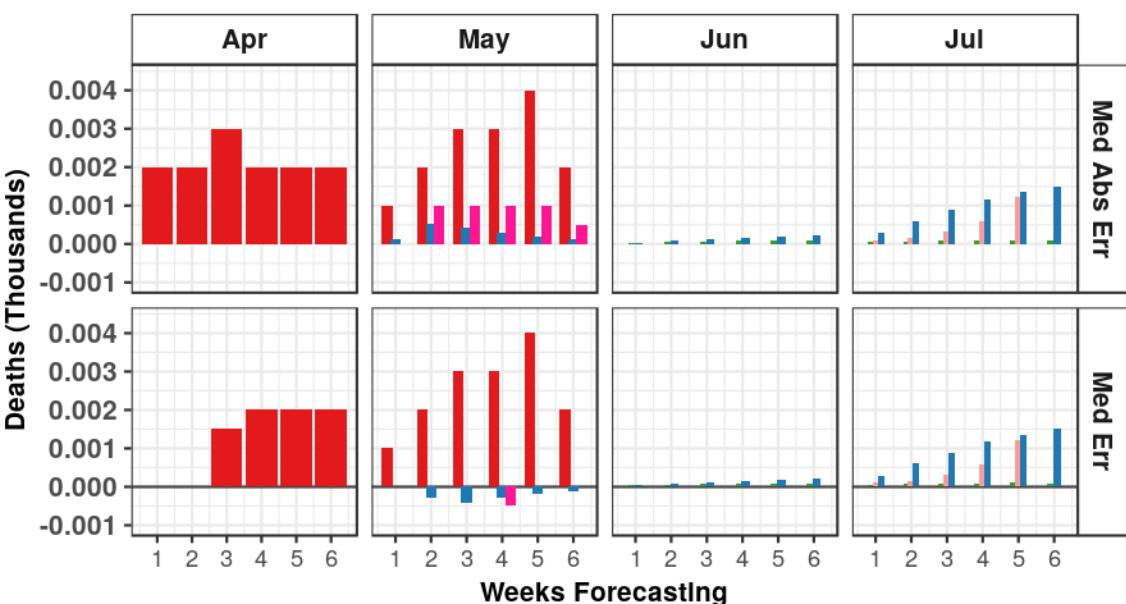


# New Zealand

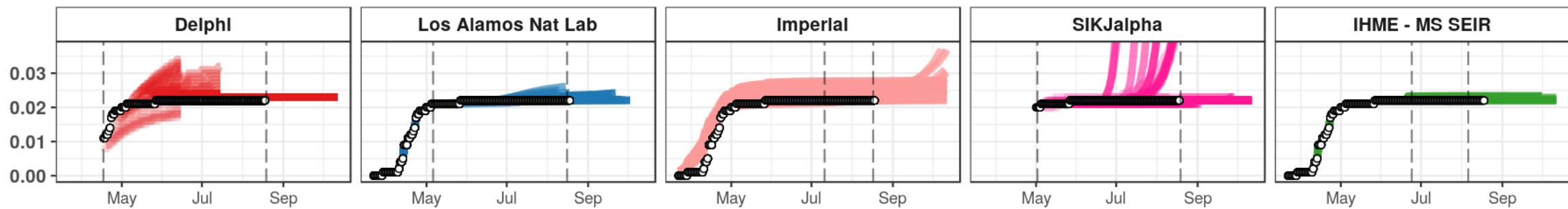
## Current Forecast



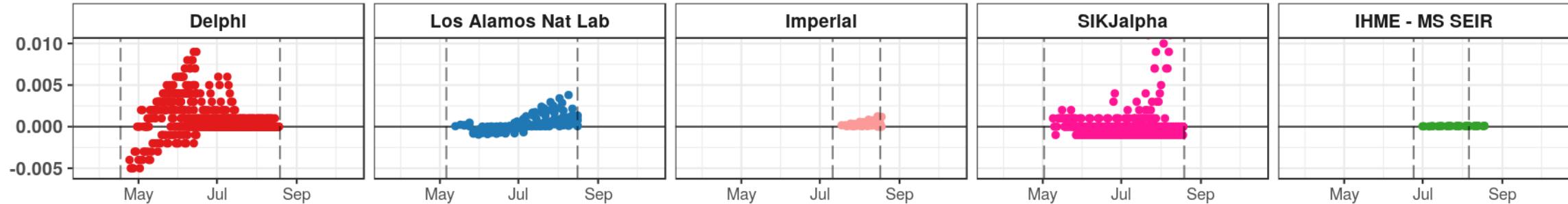
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions



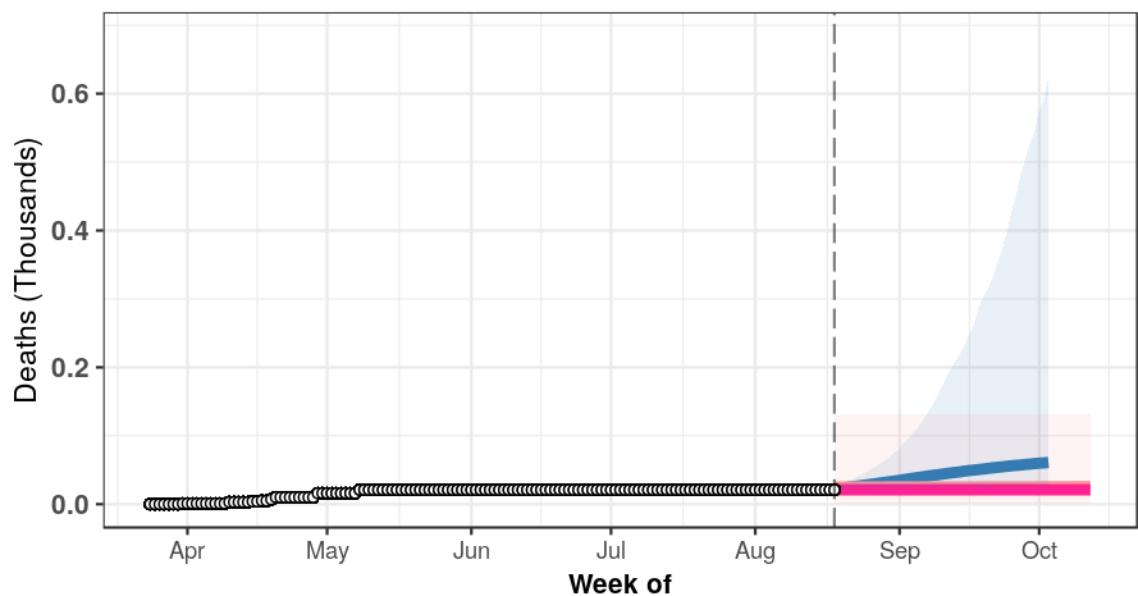
## All Cumulative Errors



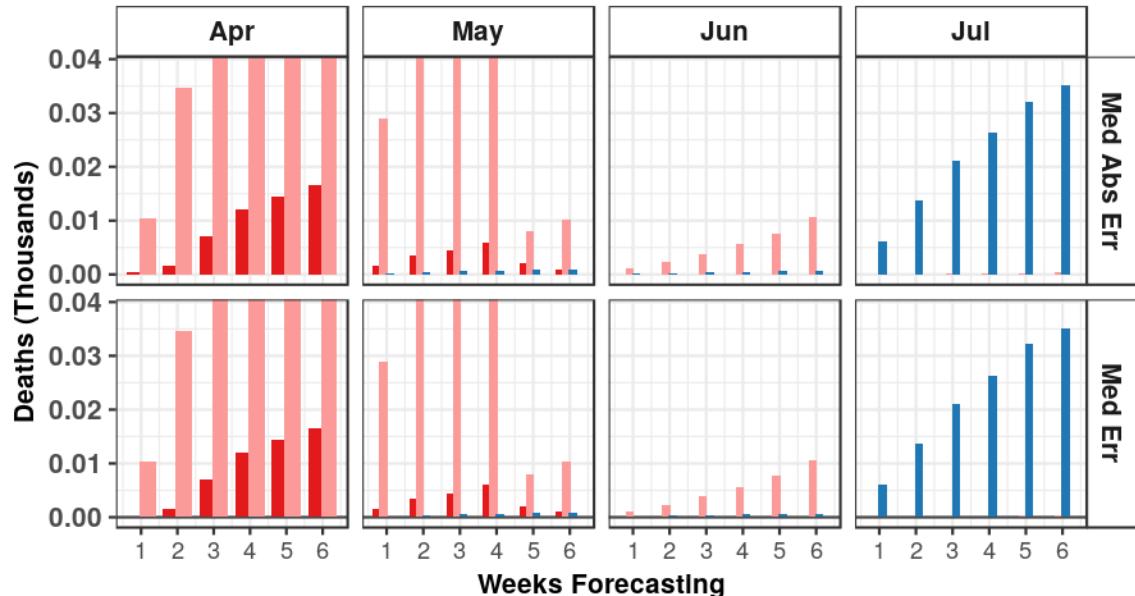
# Tanzania

## Current Forecast

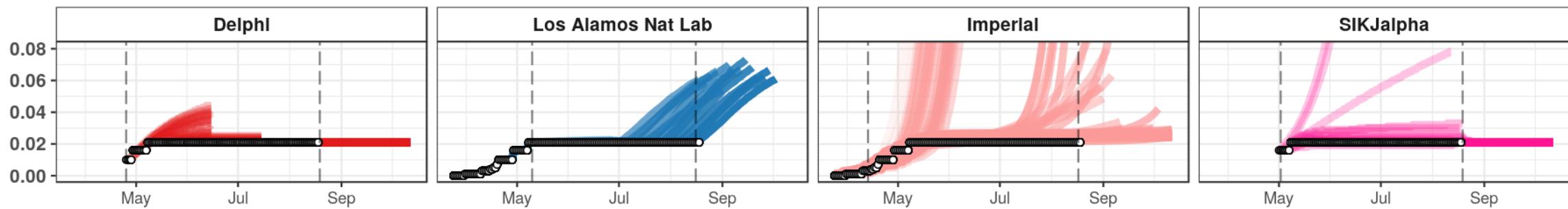
Los Alamos Nat Lab   Imperial   SIKJalpha



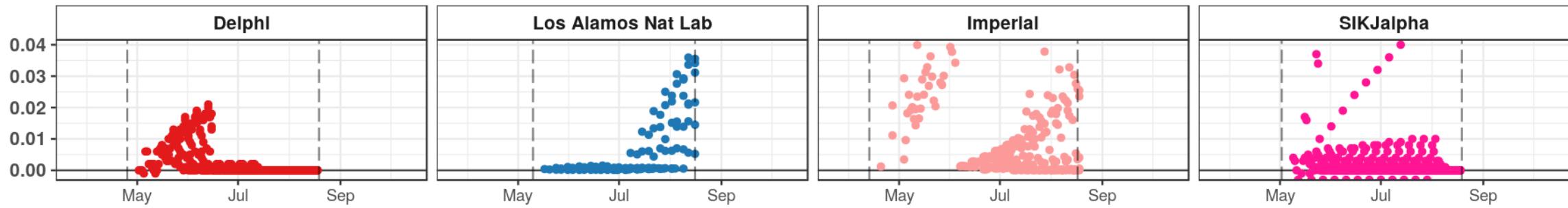
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

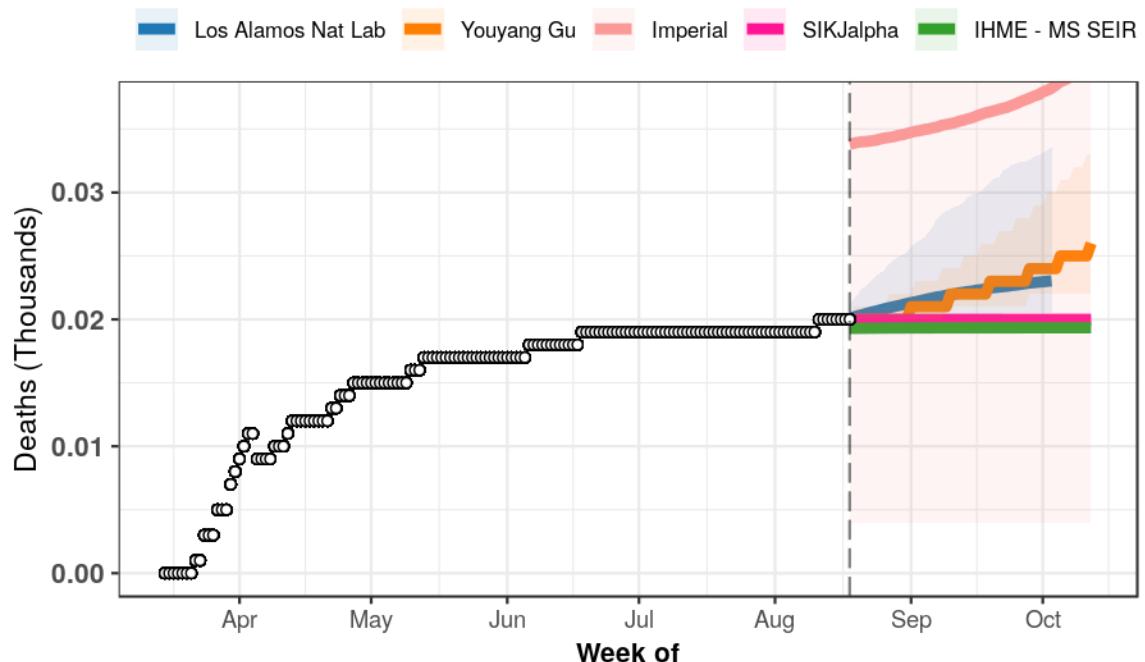


## All Cumulative Errors

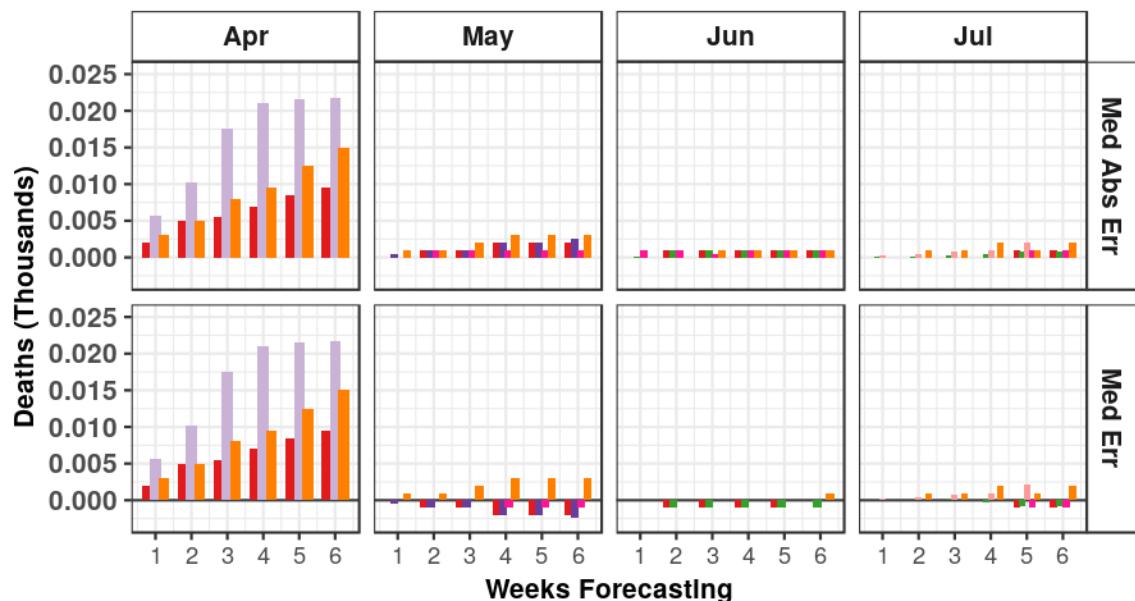


# Cyprus

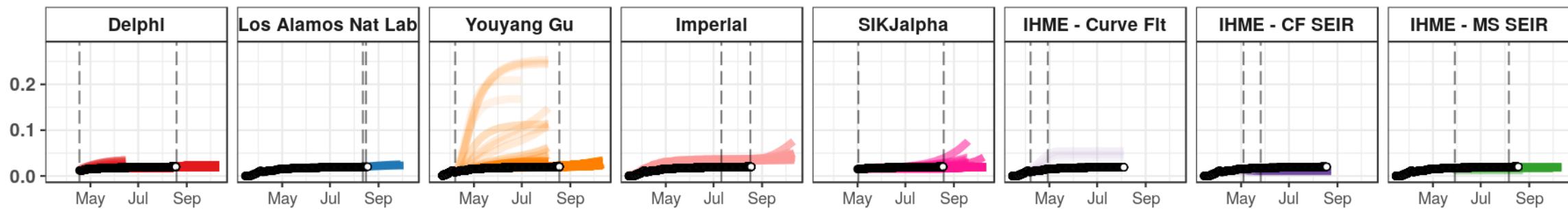
## Current Forecast



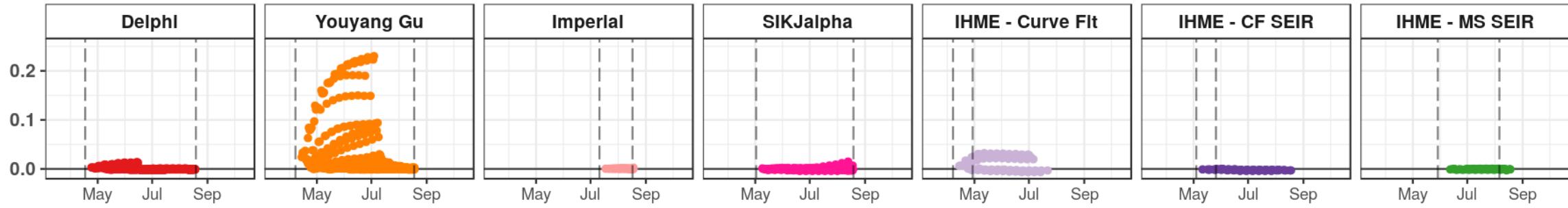
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

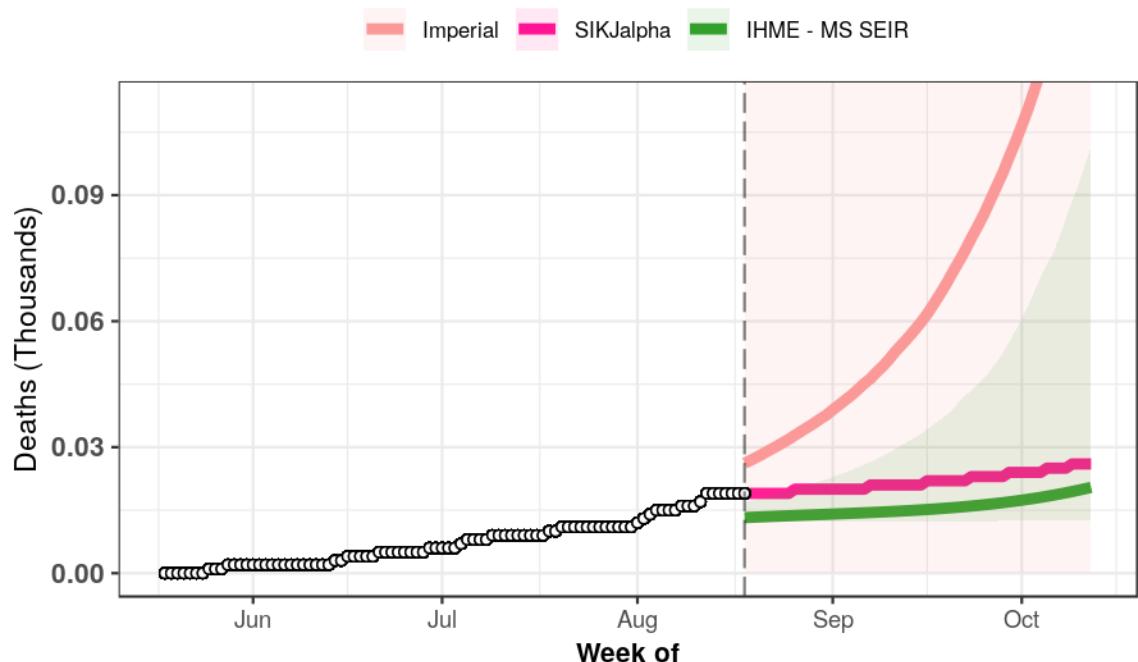


## All Cumulative Errors

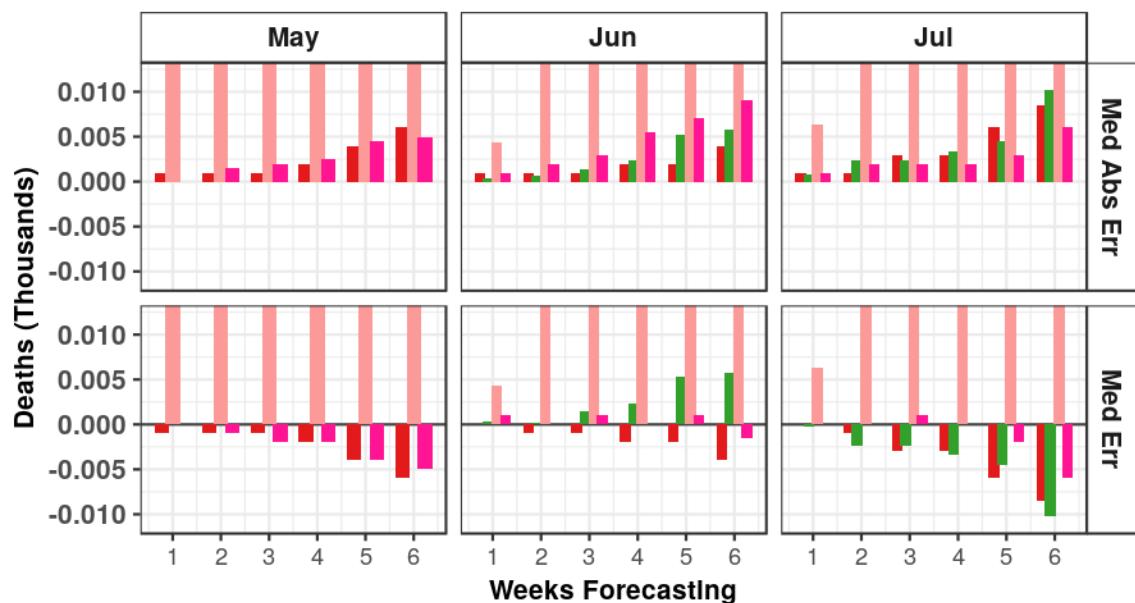


# Mozambique

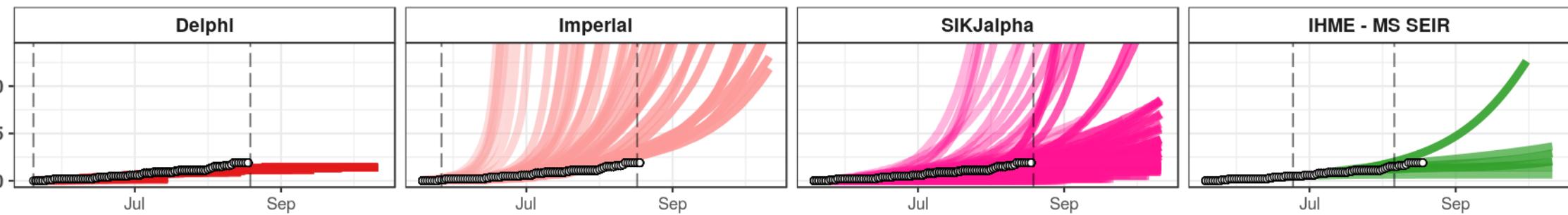
## Current Forecast



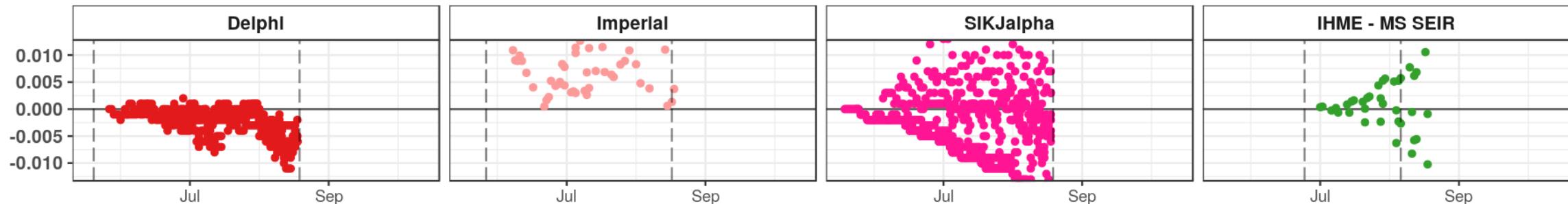
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

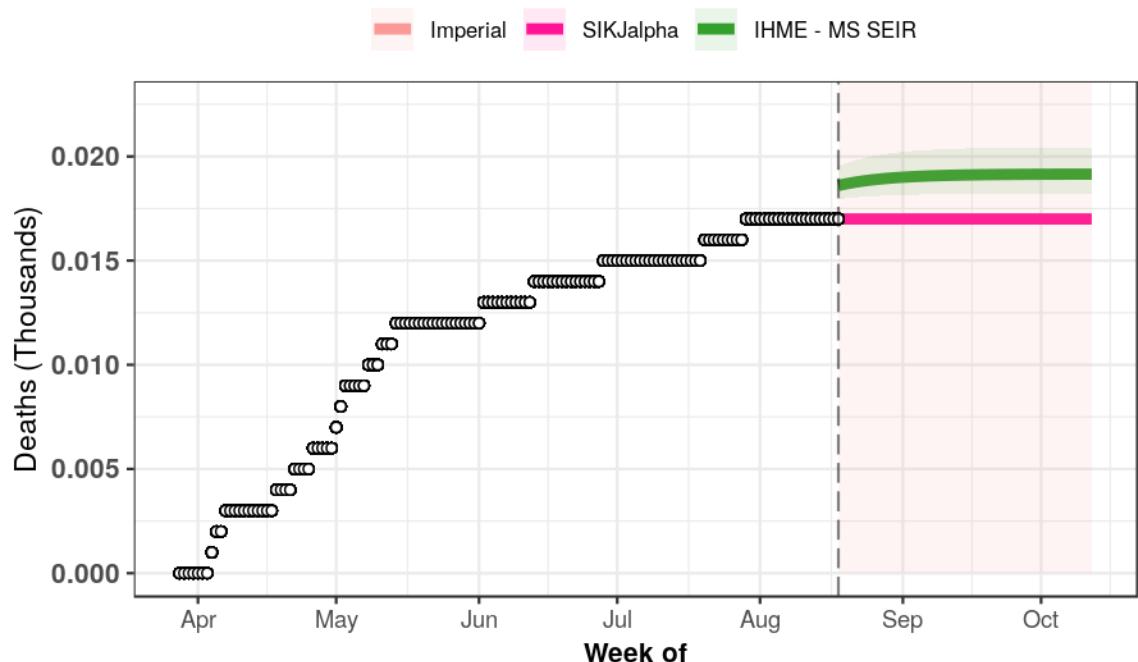


## All Cumulative Errors

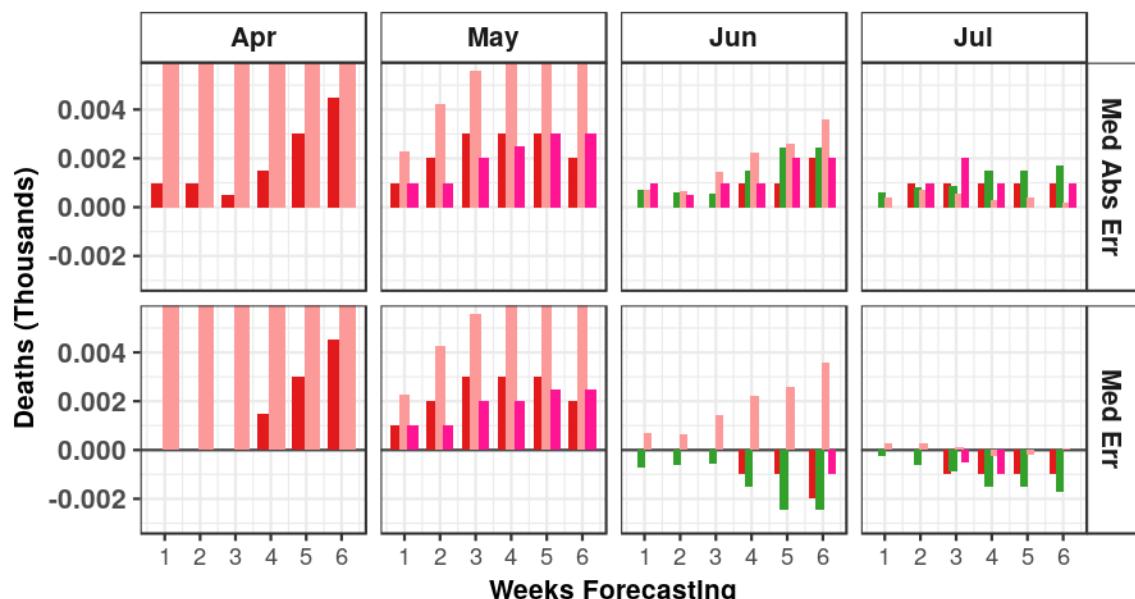


# Georgia (Country)

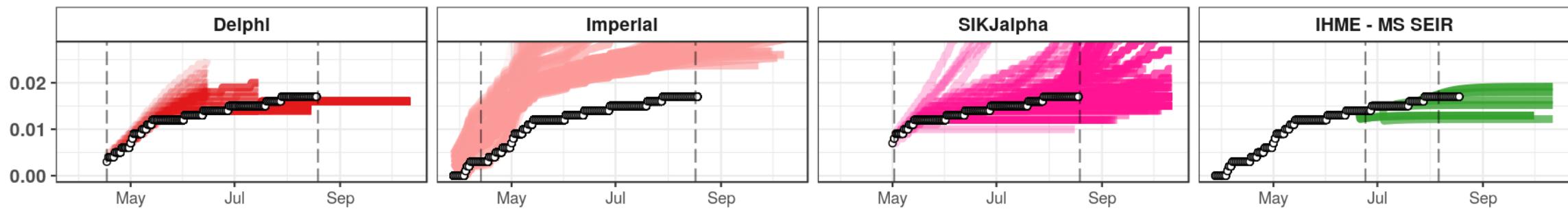
## Current Forecast



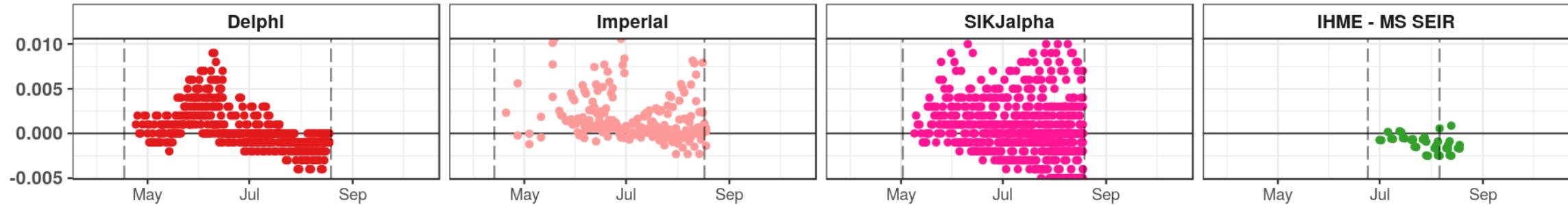
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

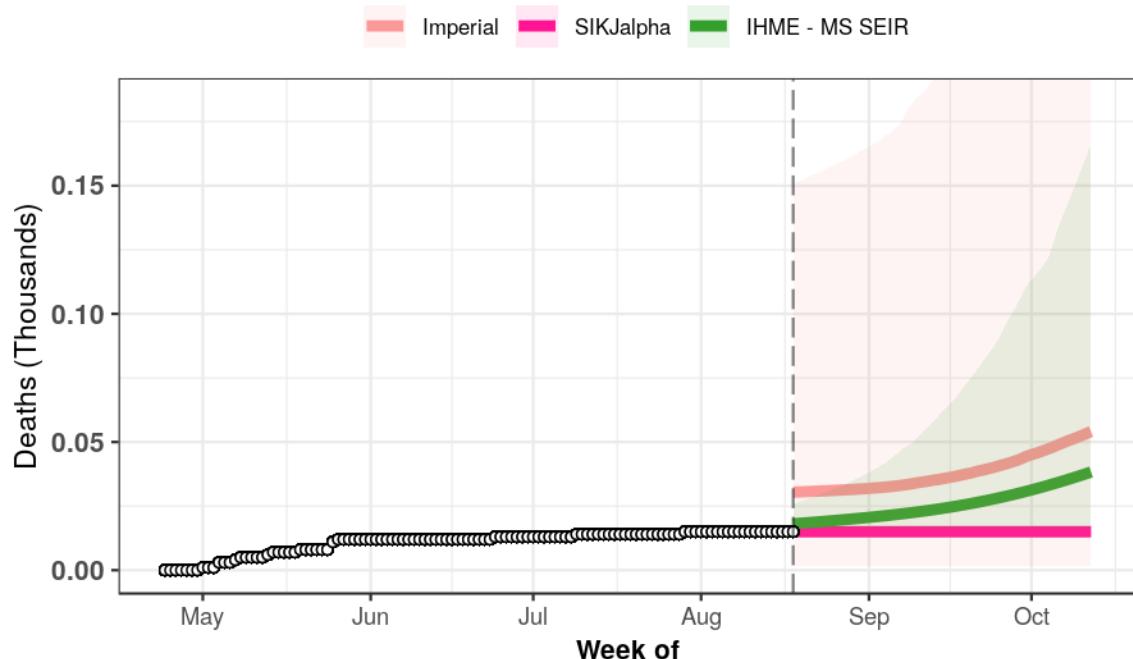


## All Cumulative Errors

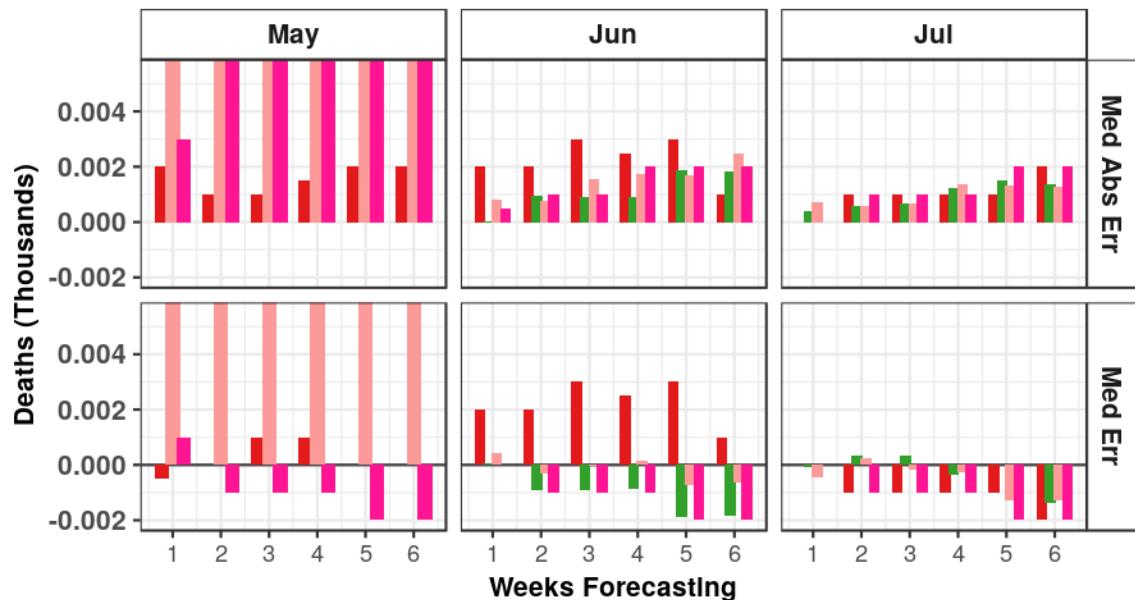


# Sao Tome and Principe

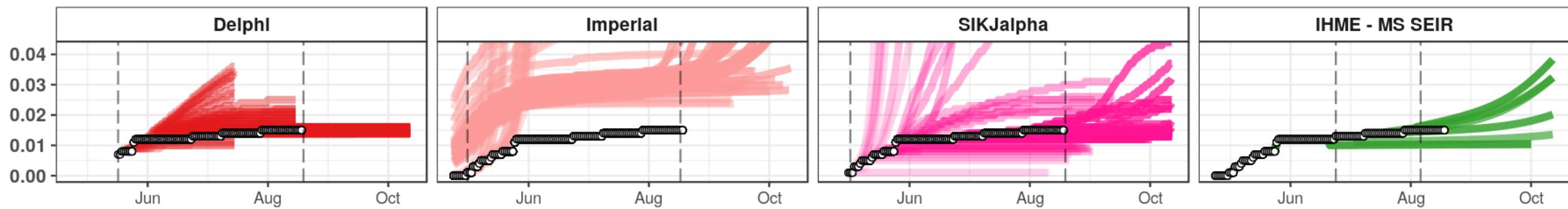
## Current Forecast



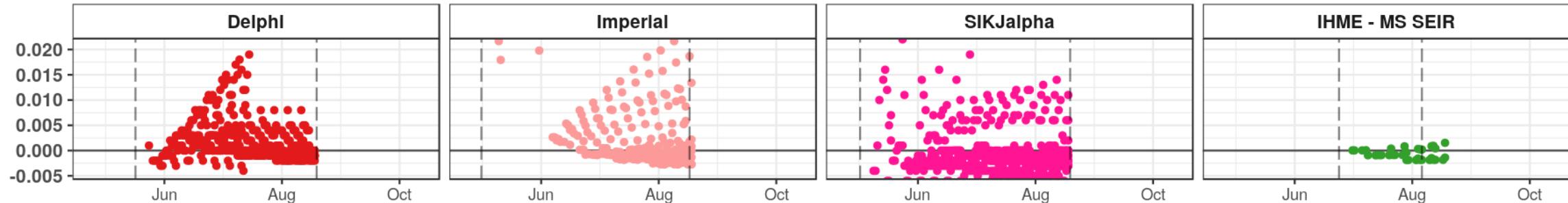
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

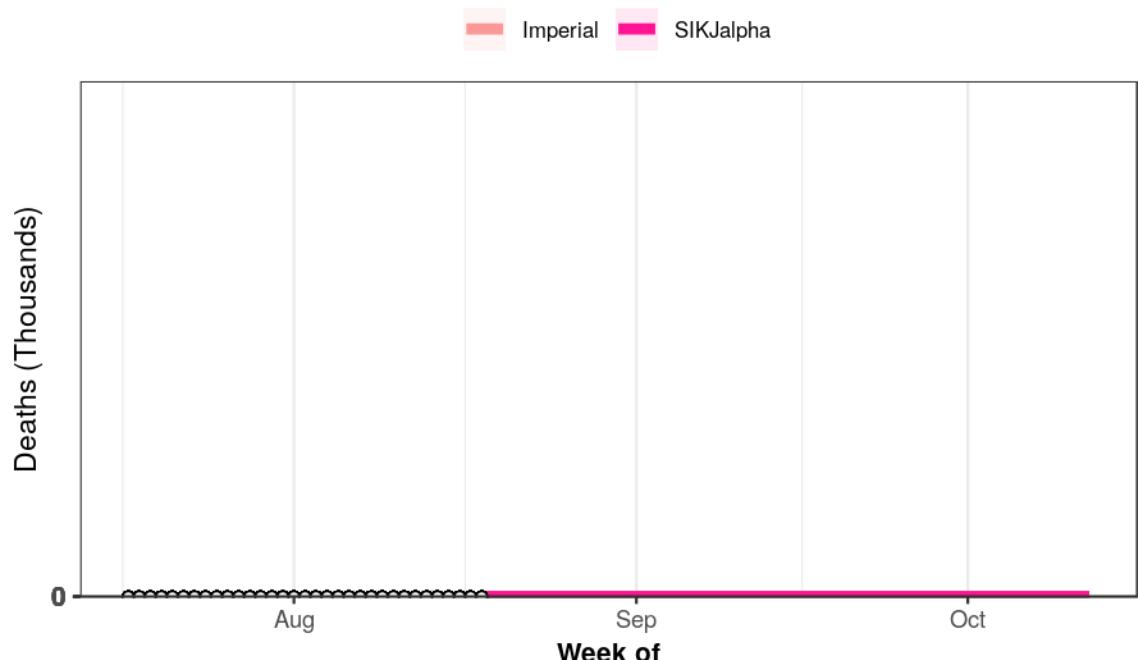


## All Cumulative Errors

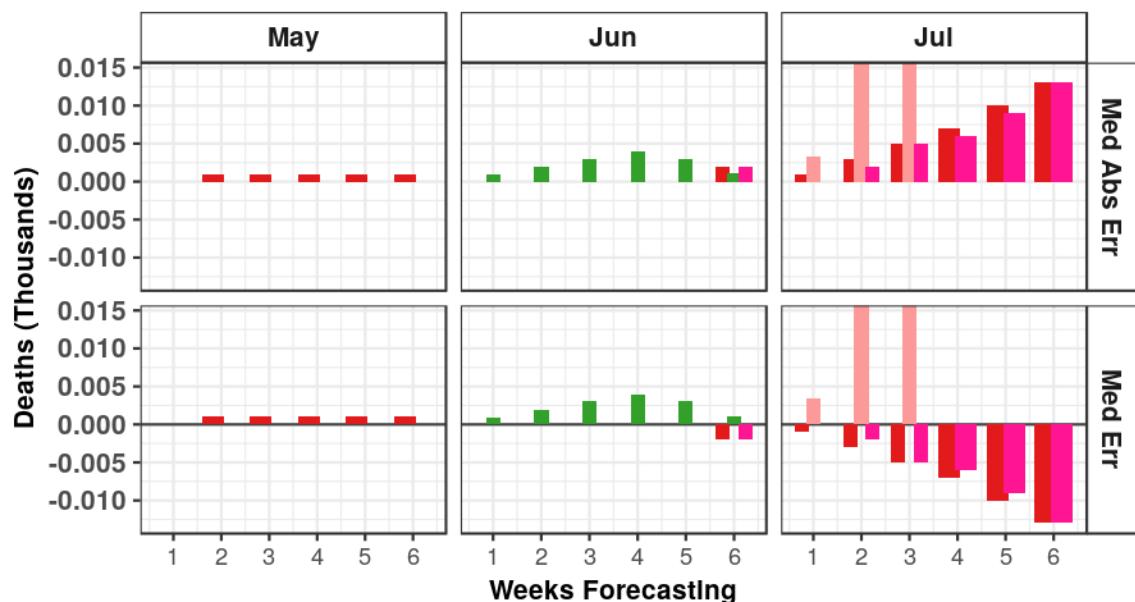


# Uganda

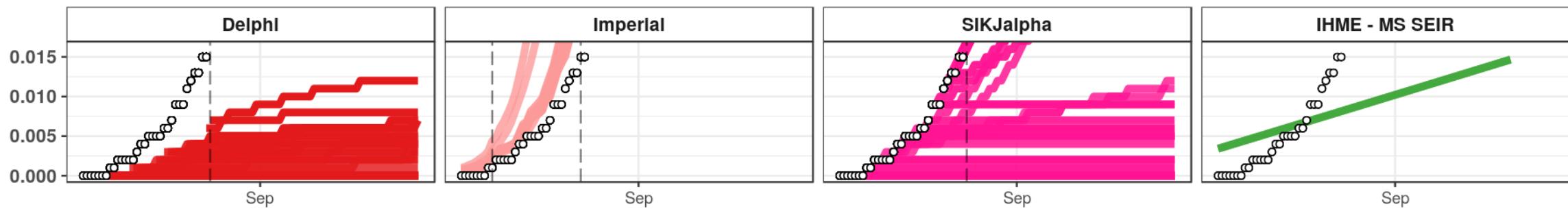
## Current Forecast



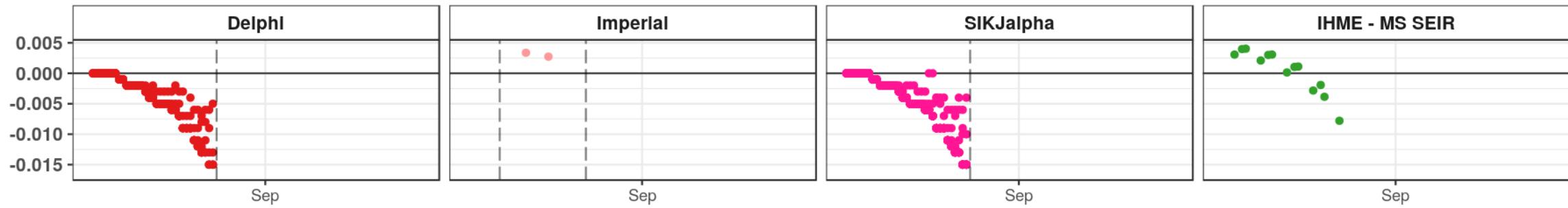
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

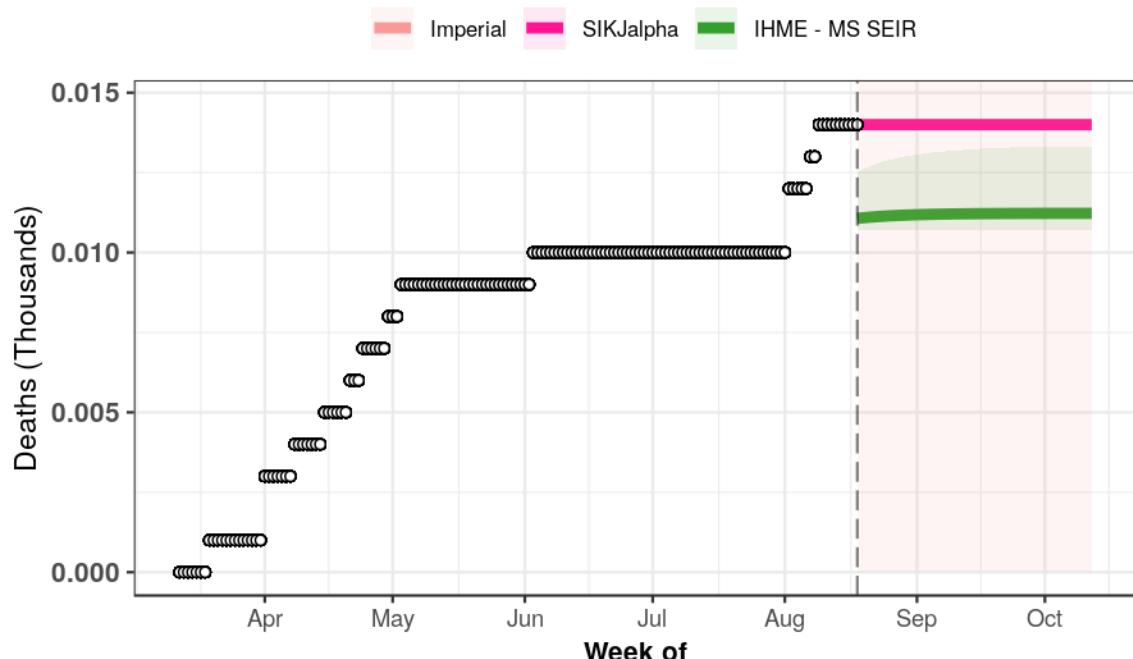


## All Cumulative Errors

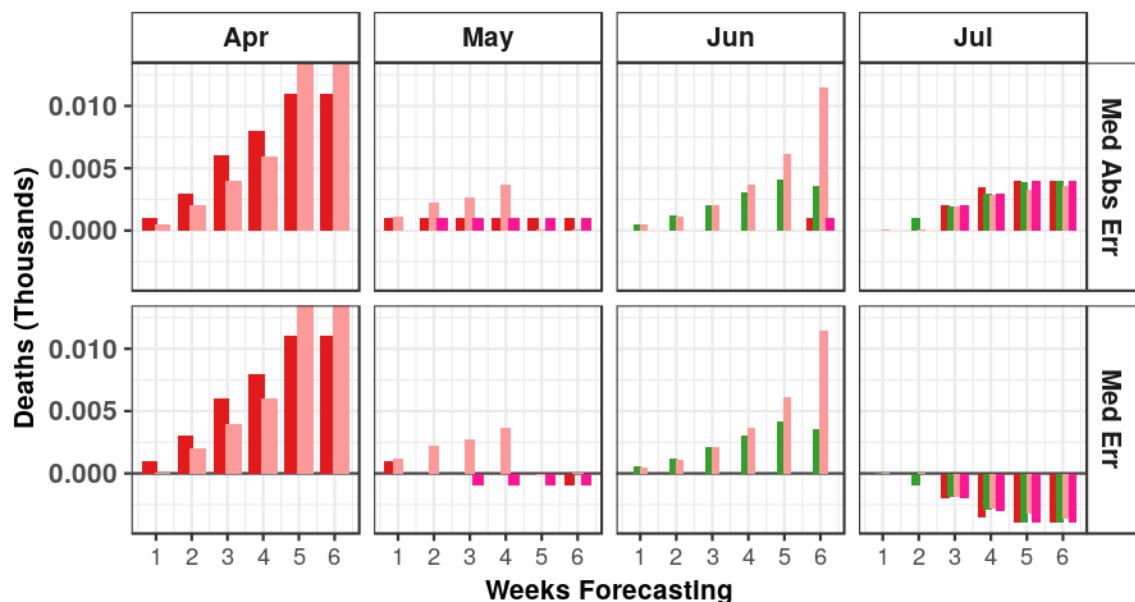


# Jamaica

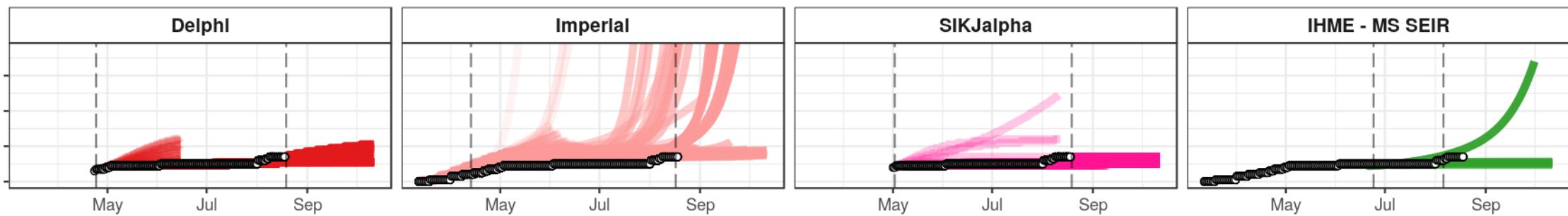
## Current Forecast



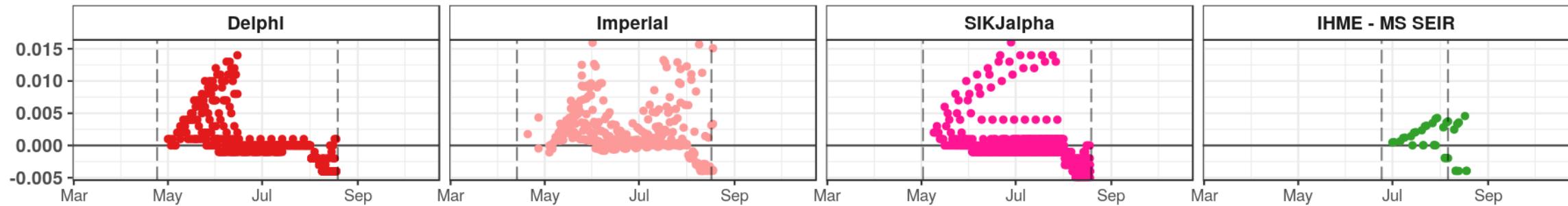
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

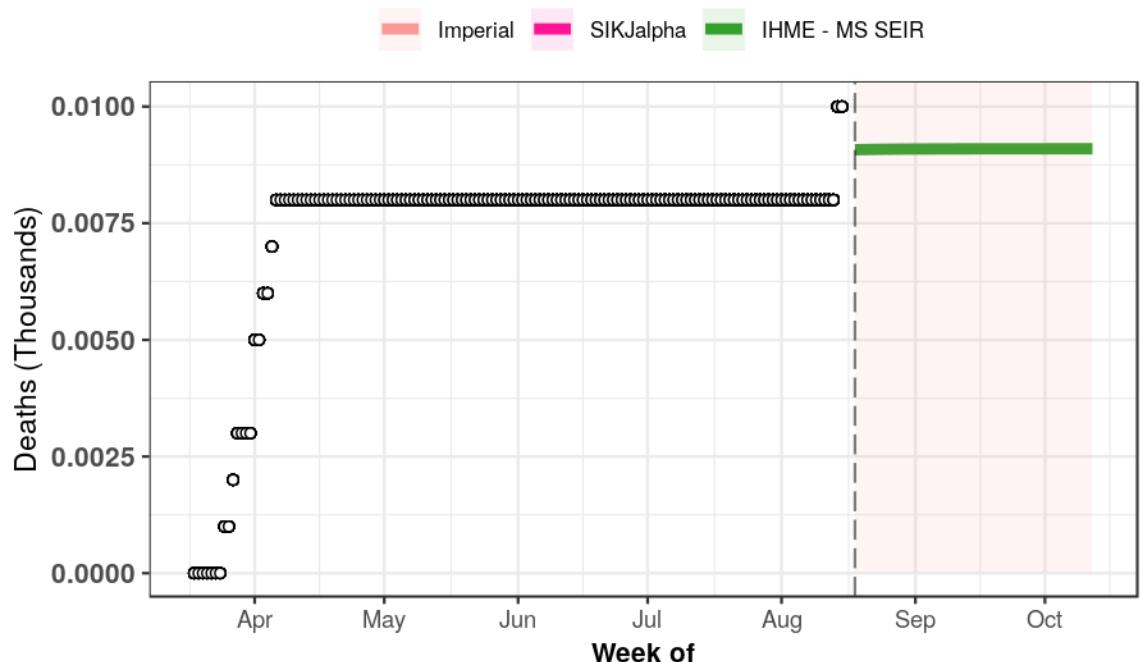


## All Cumulative Errors

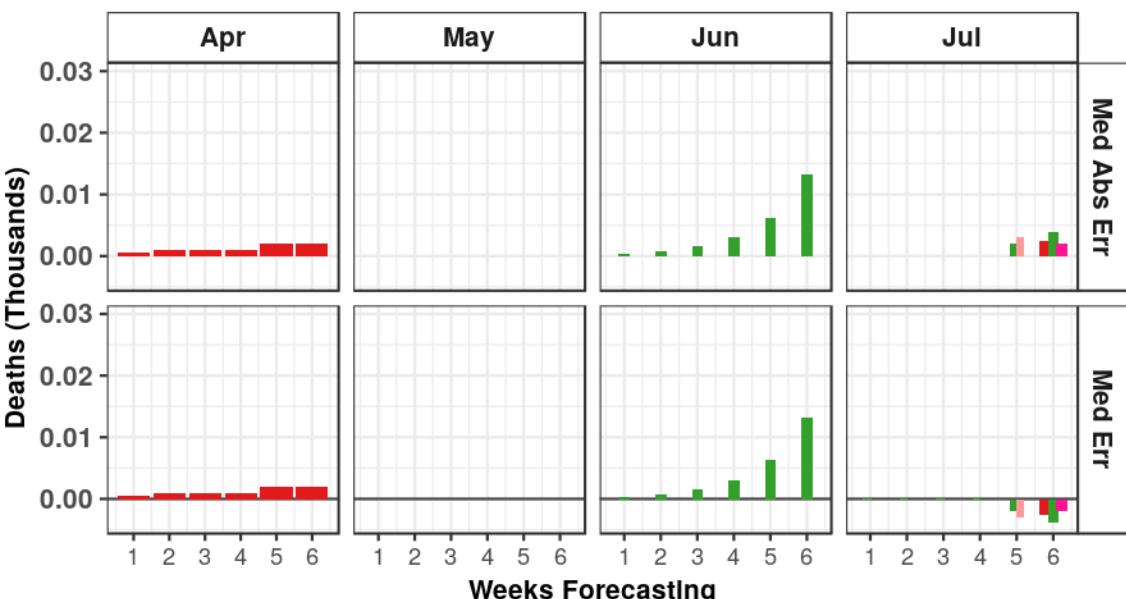


# Trinidad and Tobago

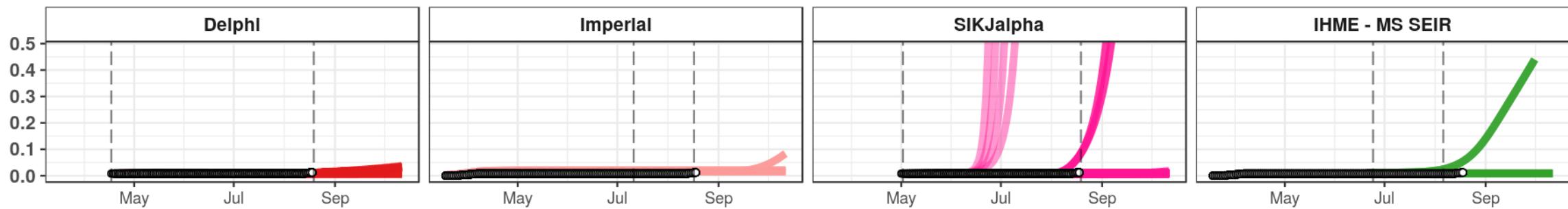
## Current Forecast



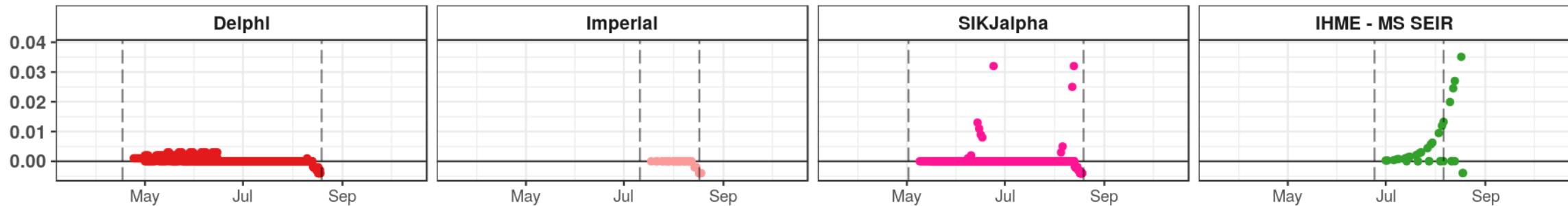
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

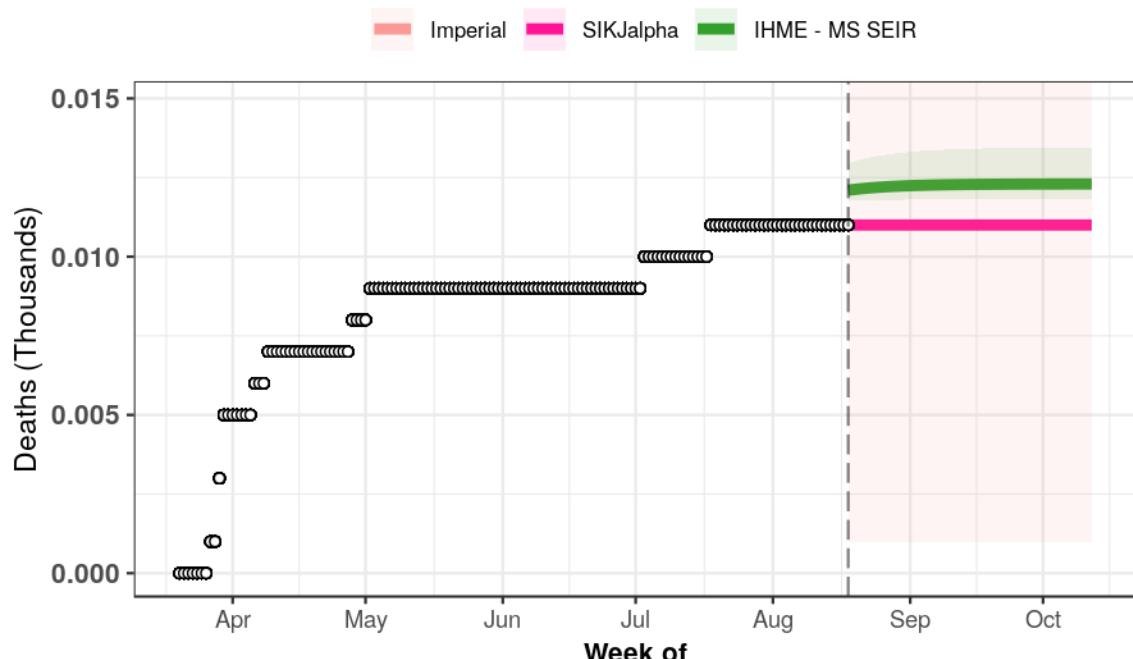


## All Cumulative Errors

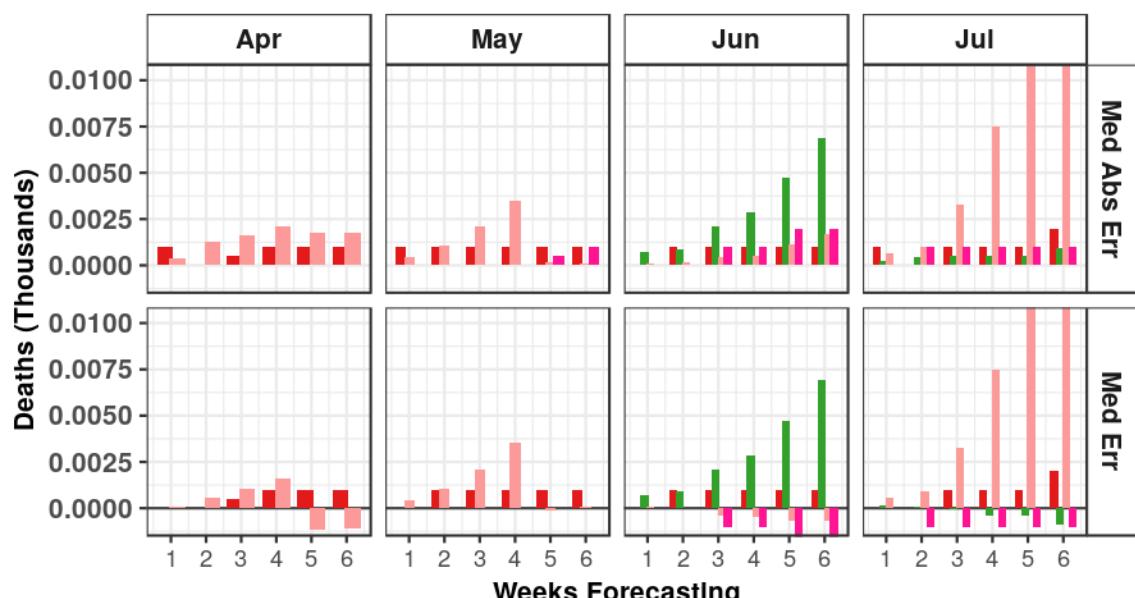


# Jordan

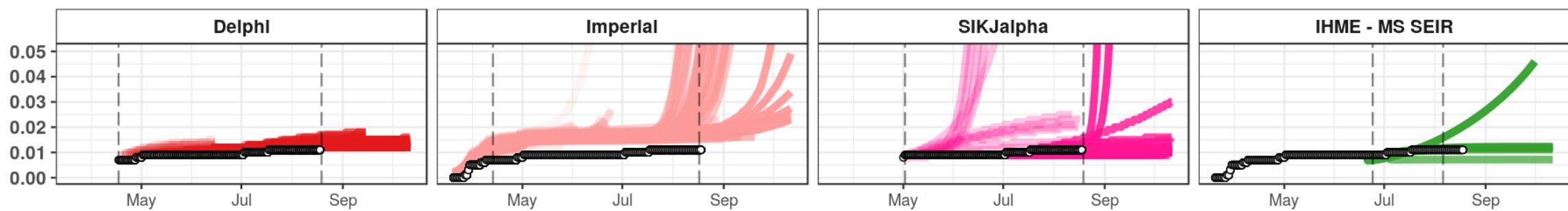
## Current Forecast



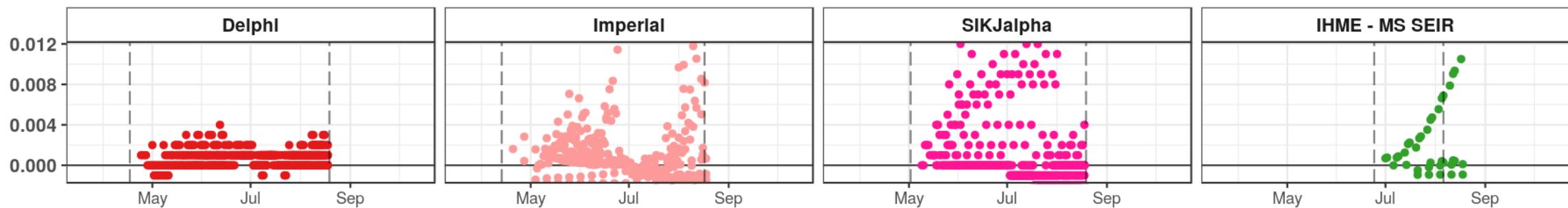
## Cumulative Out-Of-Sample Error (Post Intercept Shift)



## All Model Versions

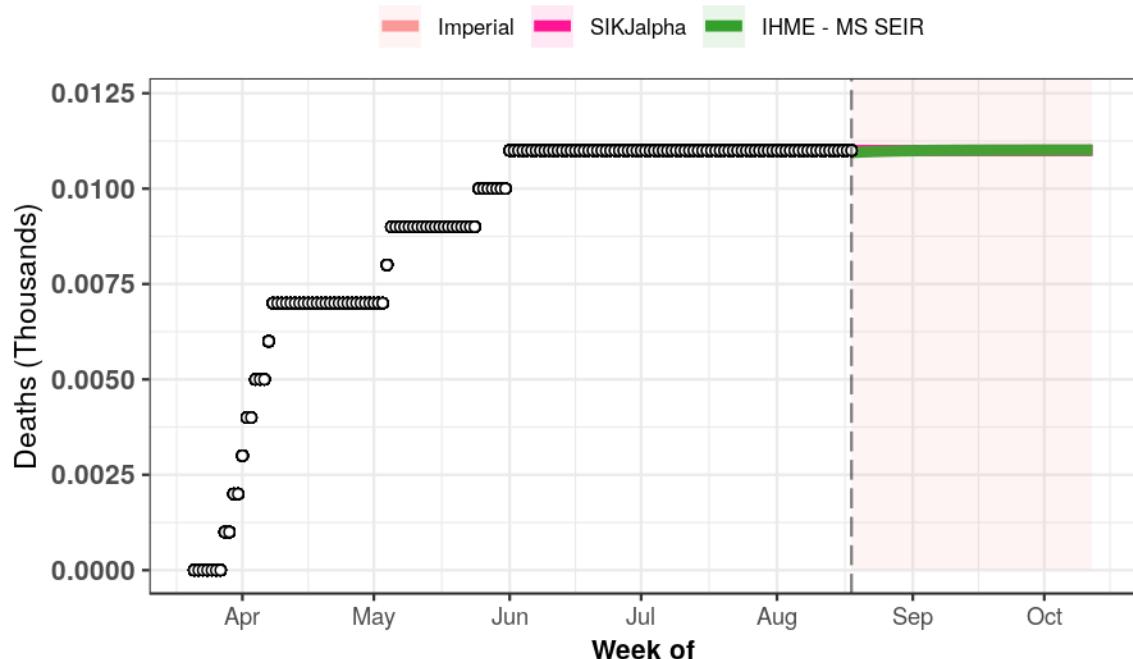


## All Cumulative Errors

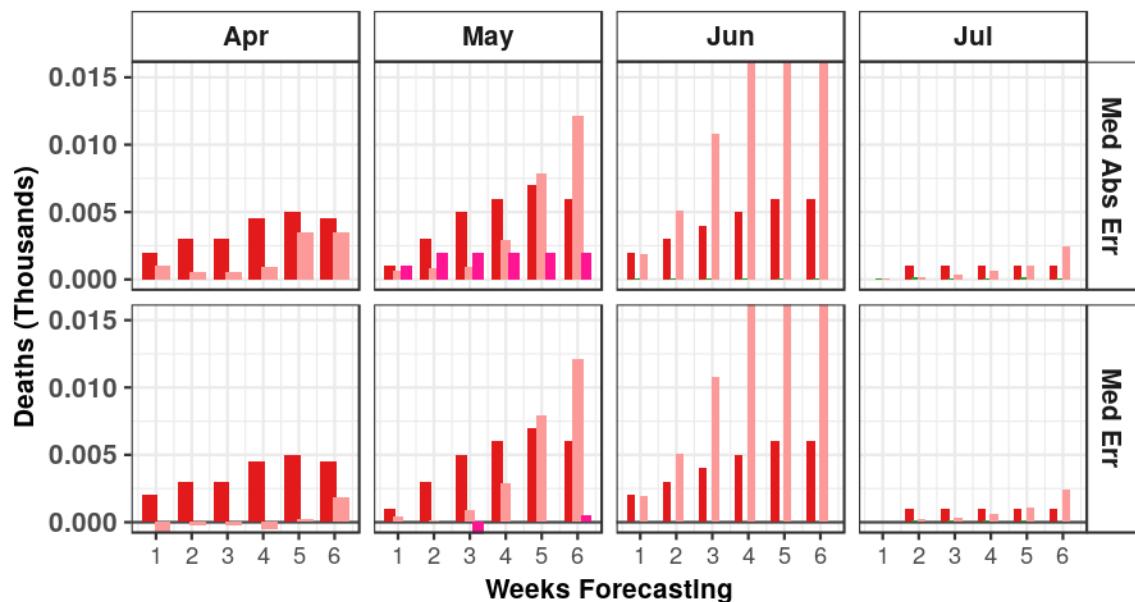


# Sri Lanka

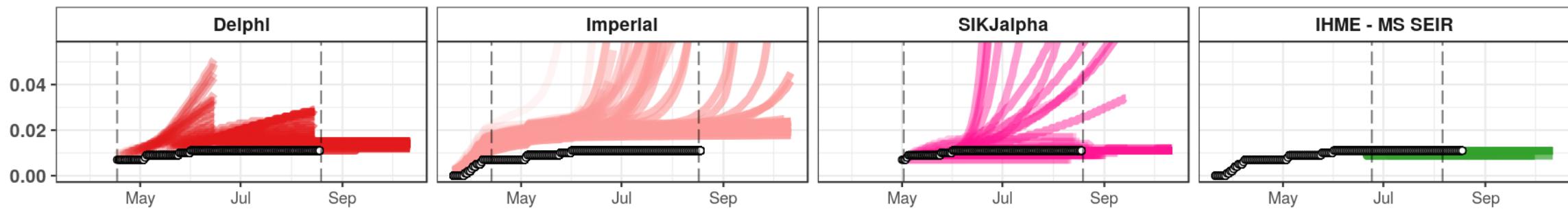
## Current Forecast



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



## All Model Versions



## All Cumulative Errors

