

# Supplementary Materials S3: Figures on confirmed COVID-19 cases over time.

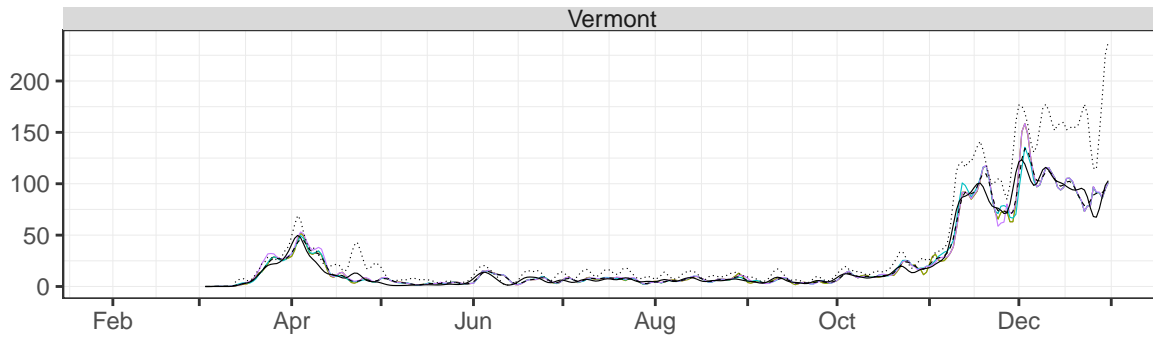
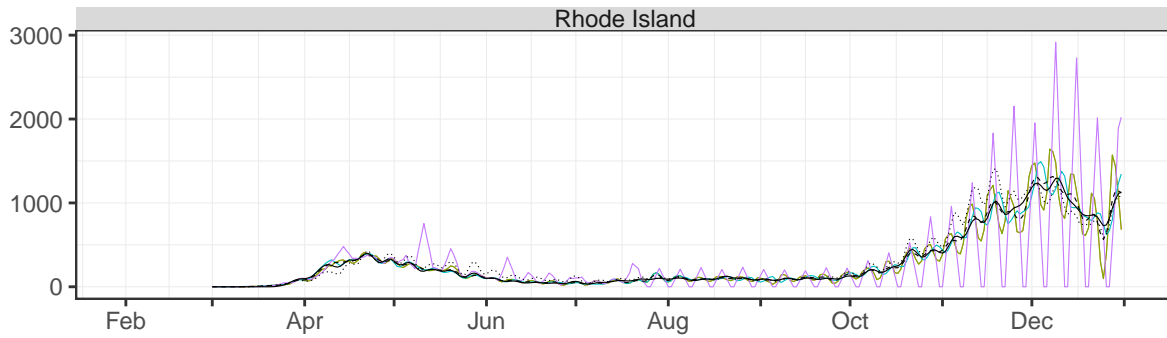
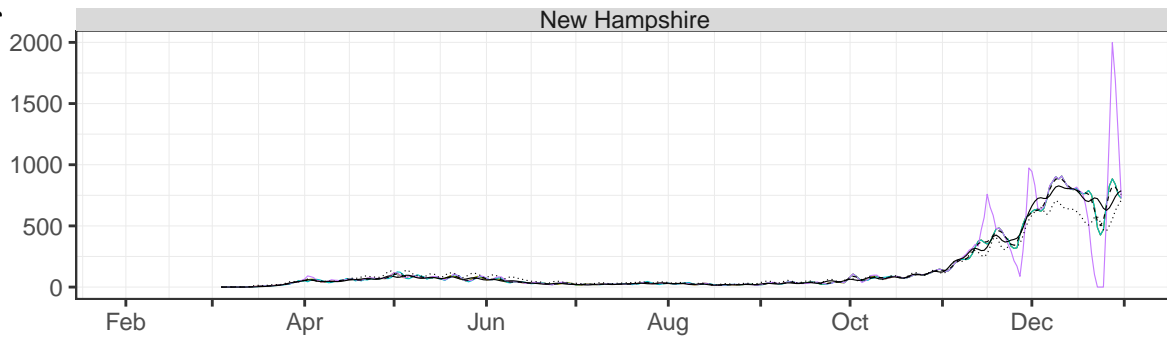
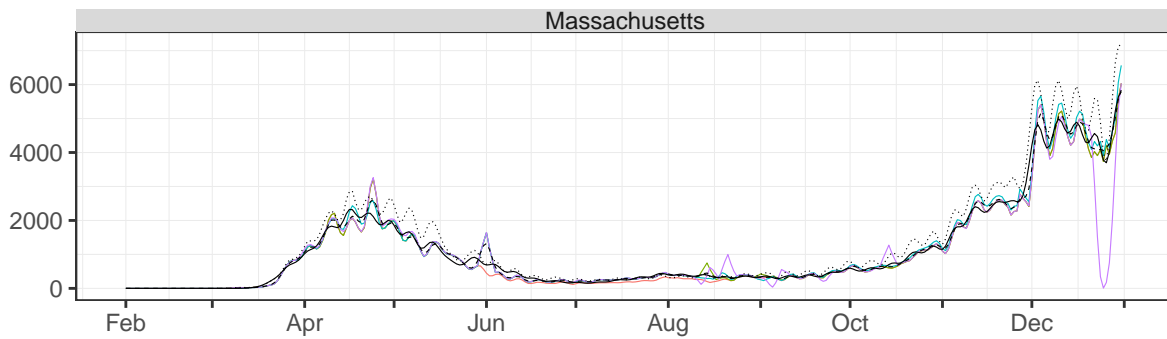
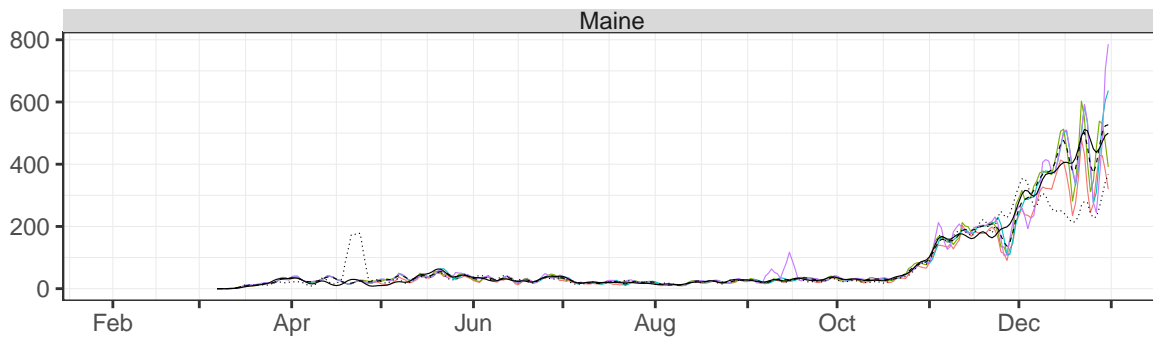
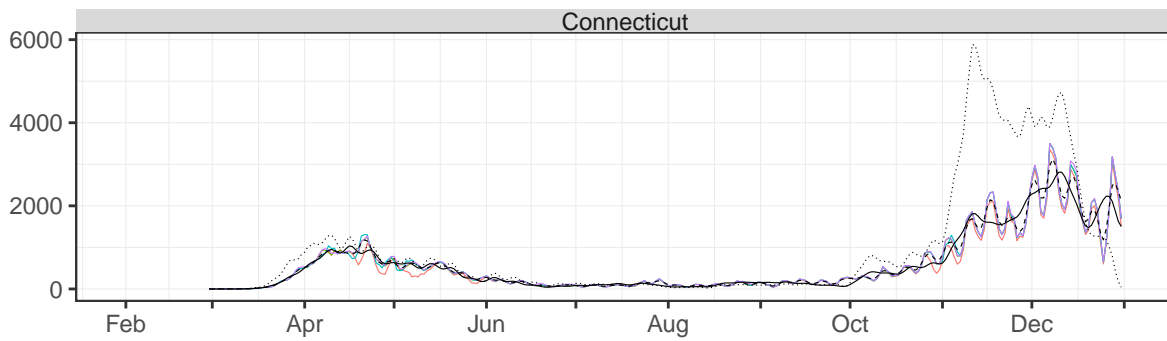
Regression Models for COVID-19 Epidemic Dynamics with Incomplete Data

Corbin Quick, Rounak Dey, and Xihong Lin

June 2, 2021

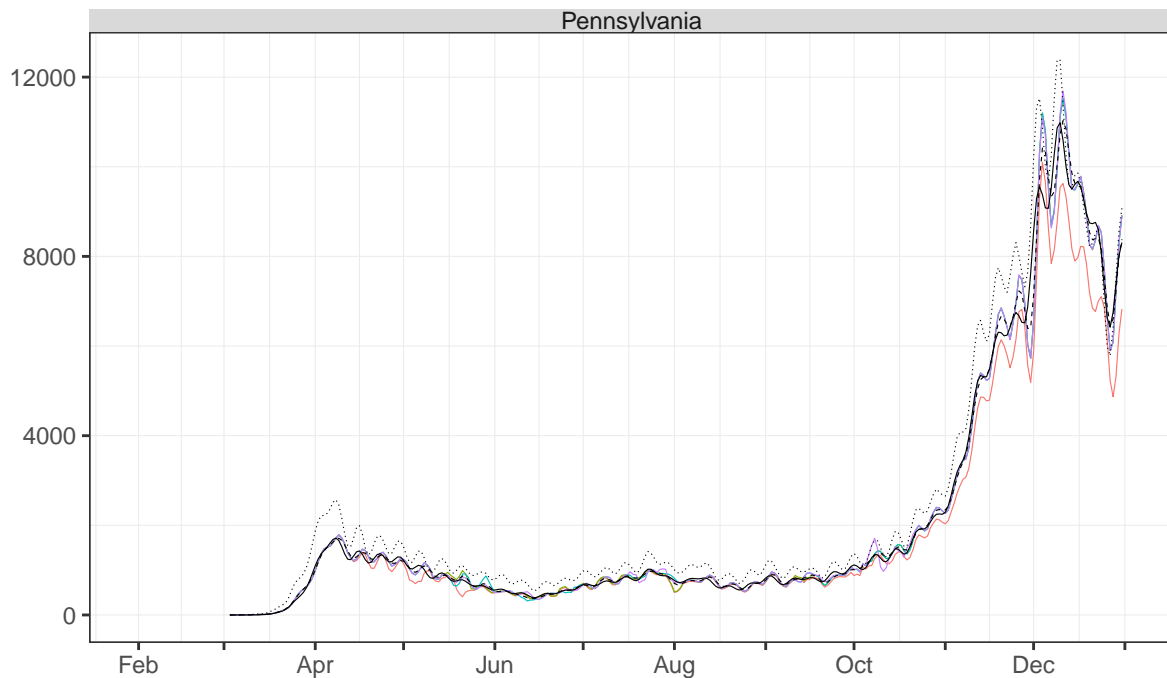
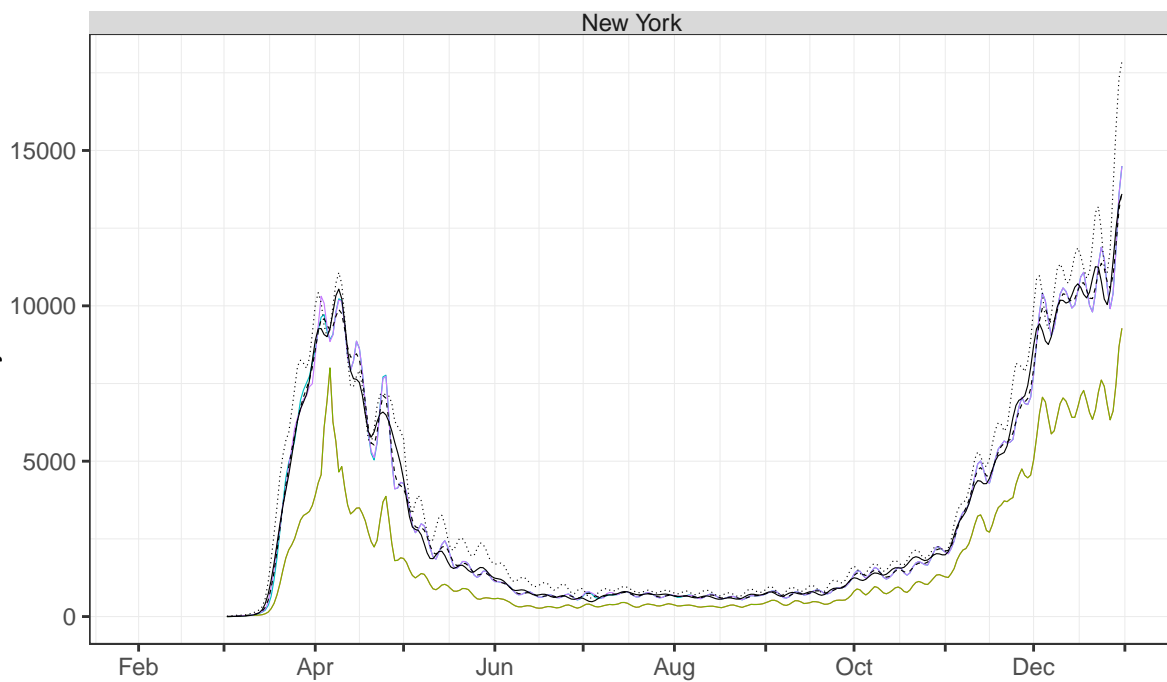
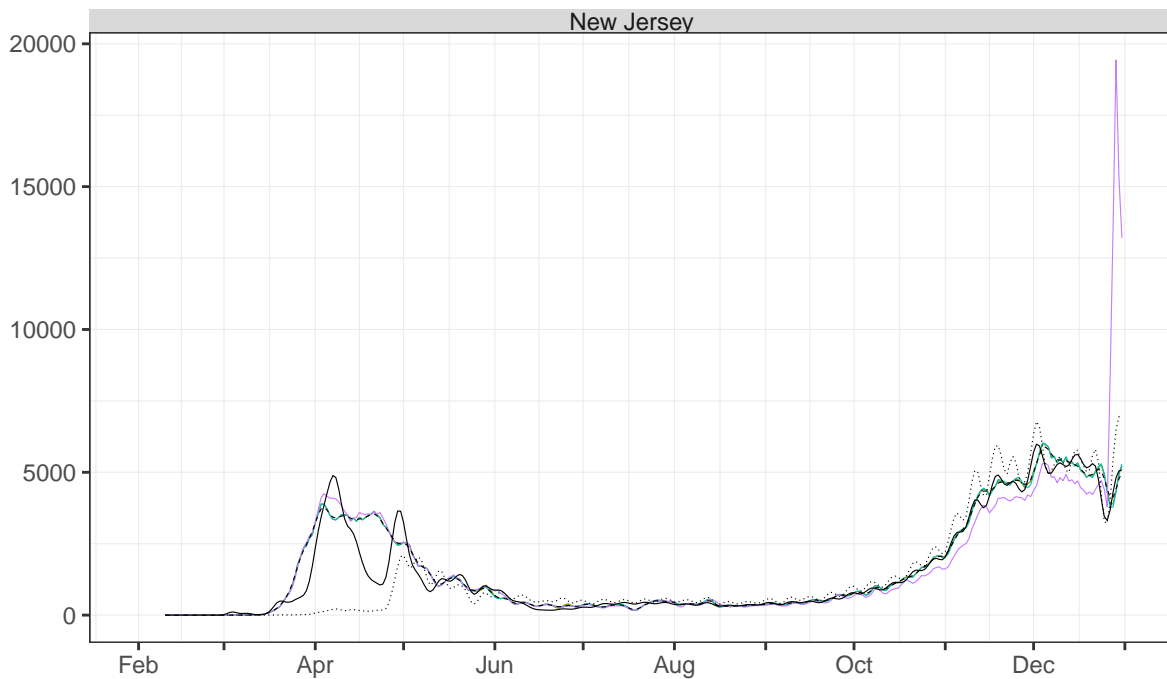
Supplementary figures in this document compare daily reported COVID-19 cases across US states as reported by three sources: (1) the CDC data repository, (2) the COVIDTracking project, and (3) the USAFacts.org webpage. We additionally show (4) a consensus case count series combining the first three sources, (5) positive tests reported by the COVID Electronic Laboratory Reporting Program (CELR), and (6) the final case count series calculated by CELR positive counts. All time series were smoothed using a KZ filter.

# New England



- .... CELR positive tests
- Consensus cases
- Final cases (scaled CELR)
- CDC confirmed
- CDC probable
- COVIDTracking cases
- USAFacts cases

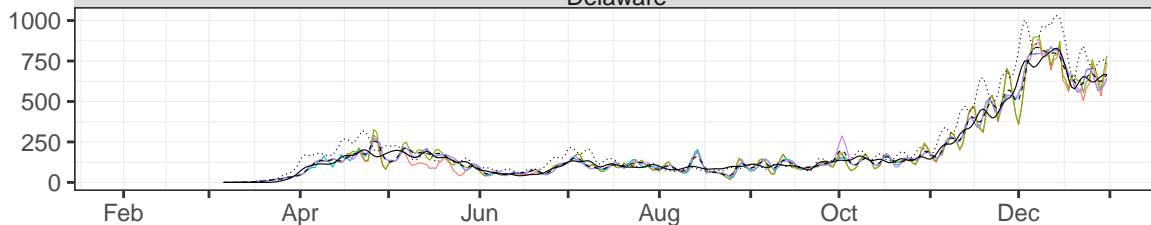
# Middle Atlantic



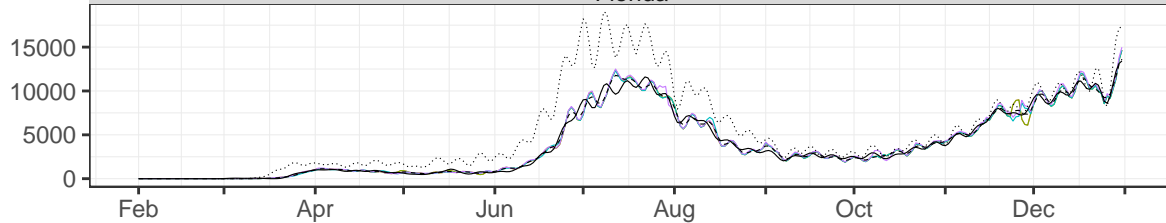
- .... CELR positive tests
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# South Atlantic

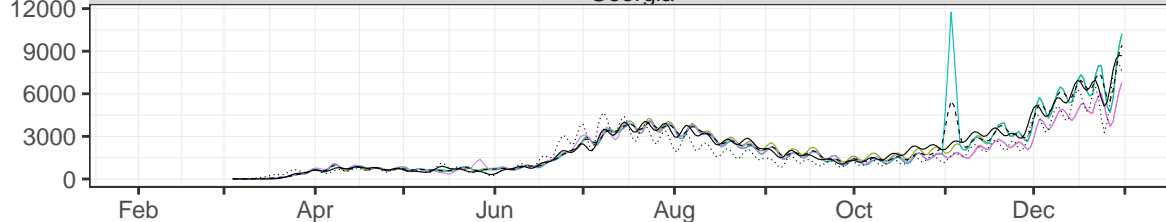
Delaware



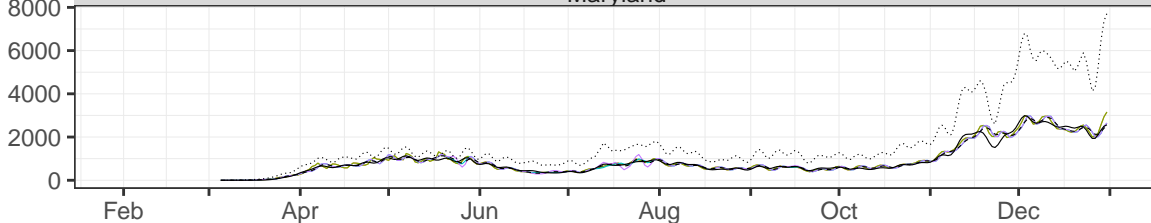
Florida



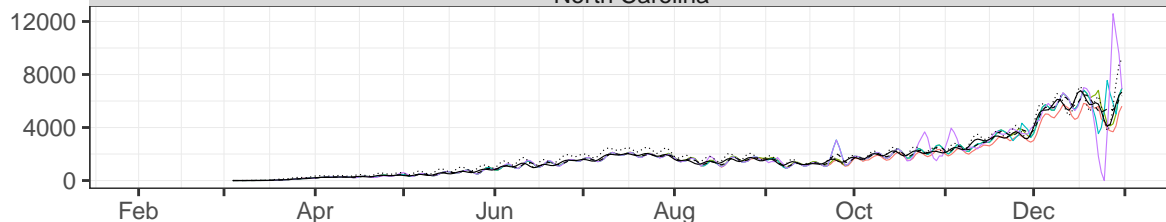
Georgia



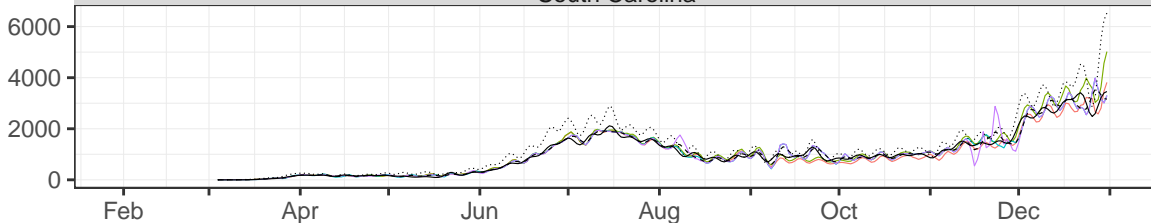
Maryland



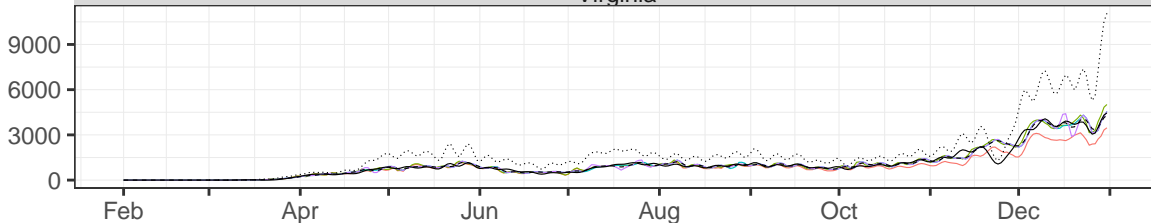
North Carolina



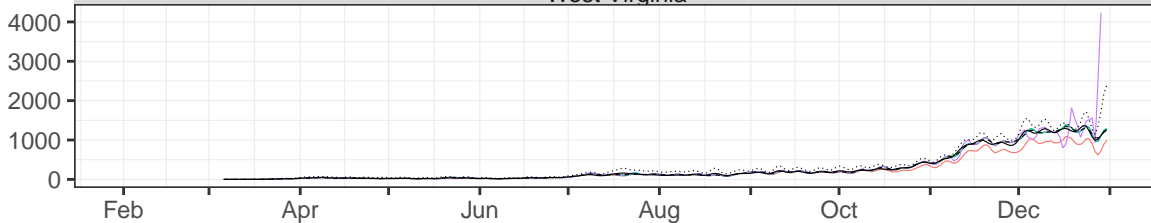
South Carolina



Virginia



West Virginia

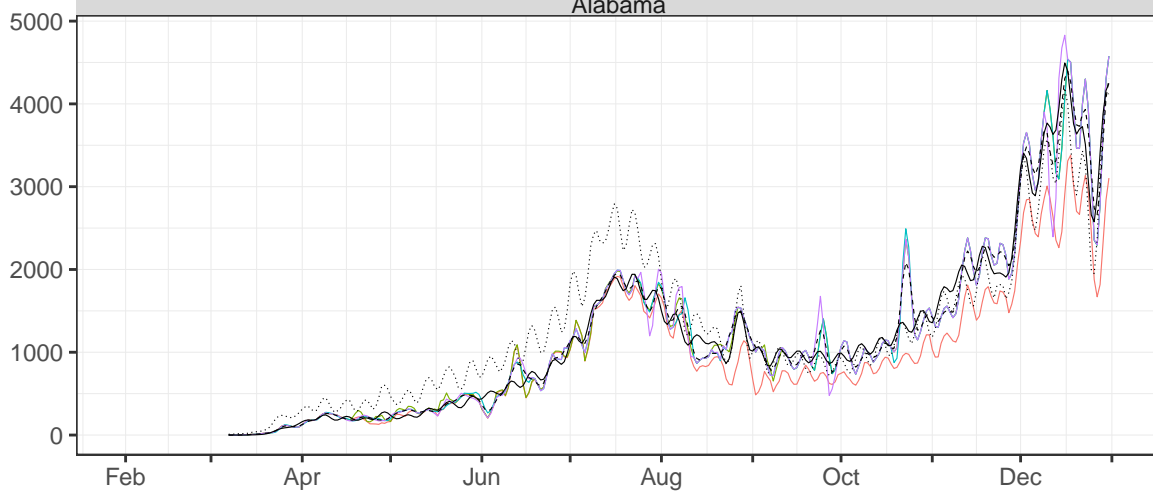


.... CELR positive tests  
-- Consensus cases  
— Final cases (scaled CELR)

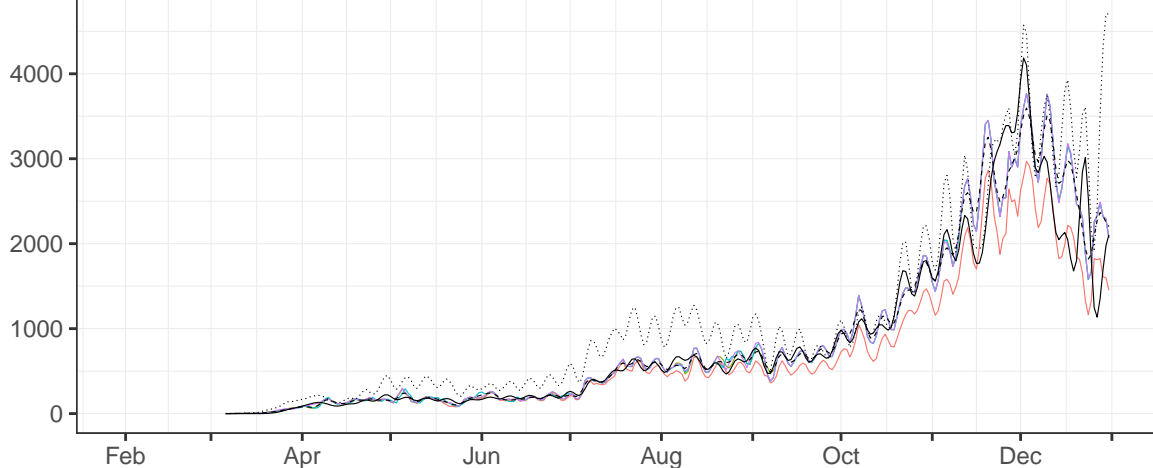
— CDC confirmed  
— CDC probable  
— COVIDTracking cases  
— USAFacts cases

# East South Central

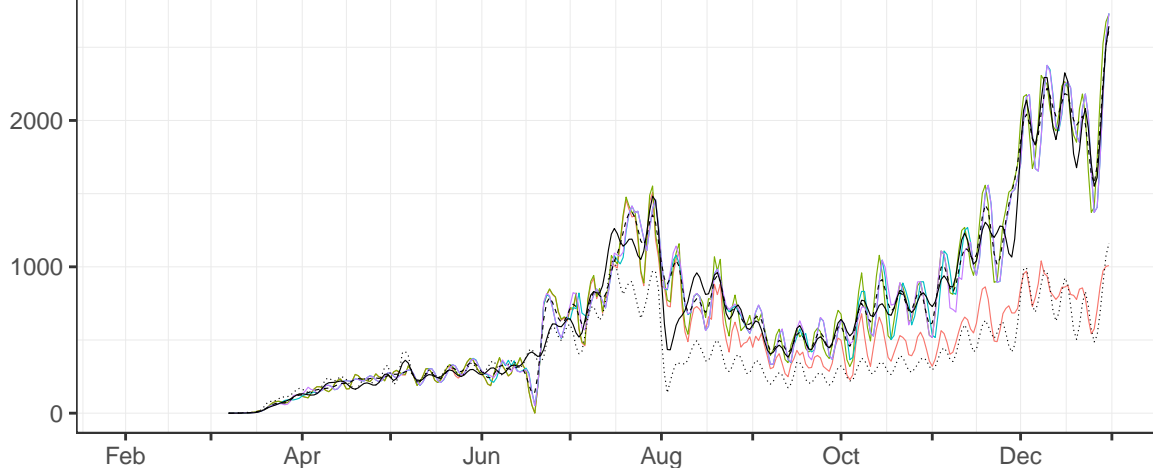
## Alabama



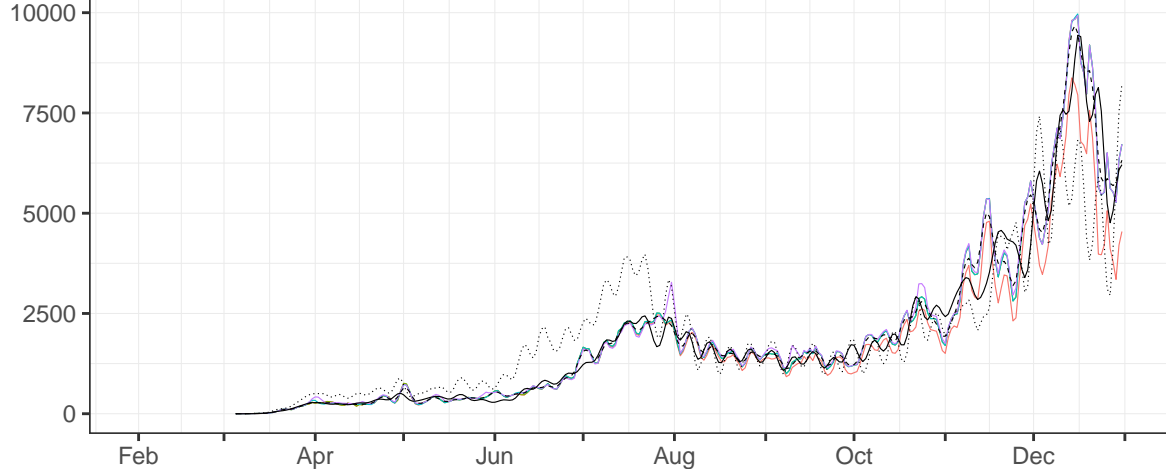
## Kentucky



## Mississippi

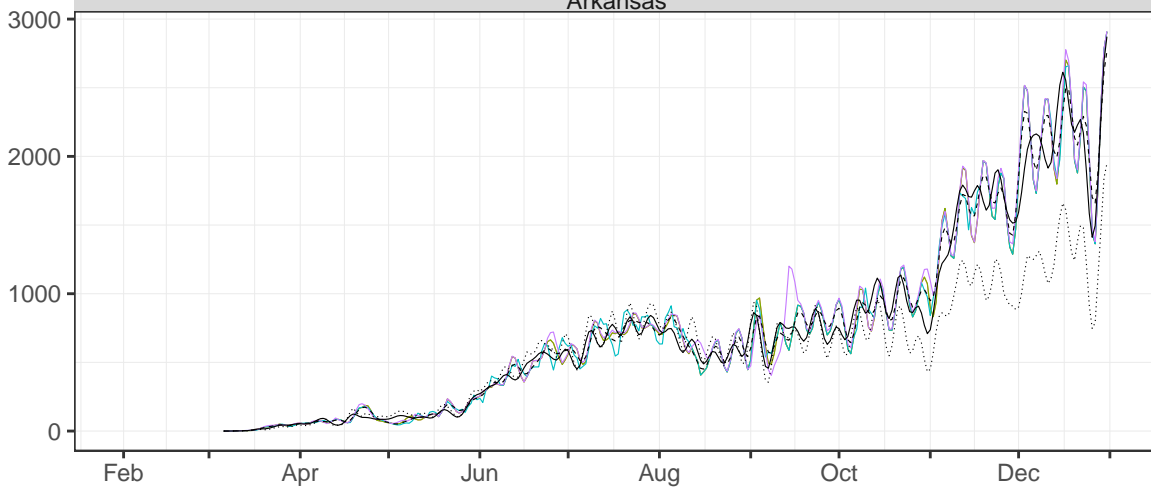


## Tennessee

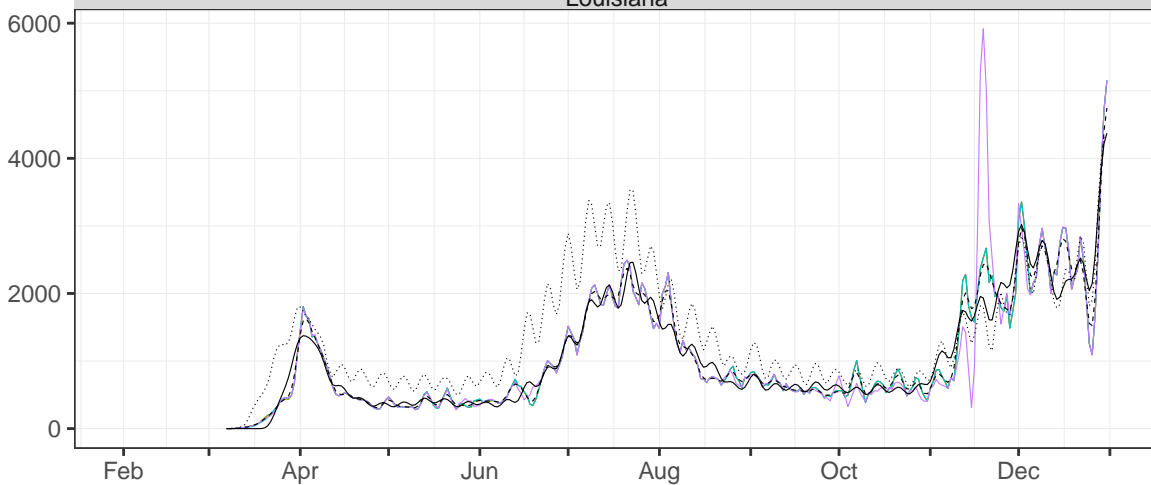


# West South Central

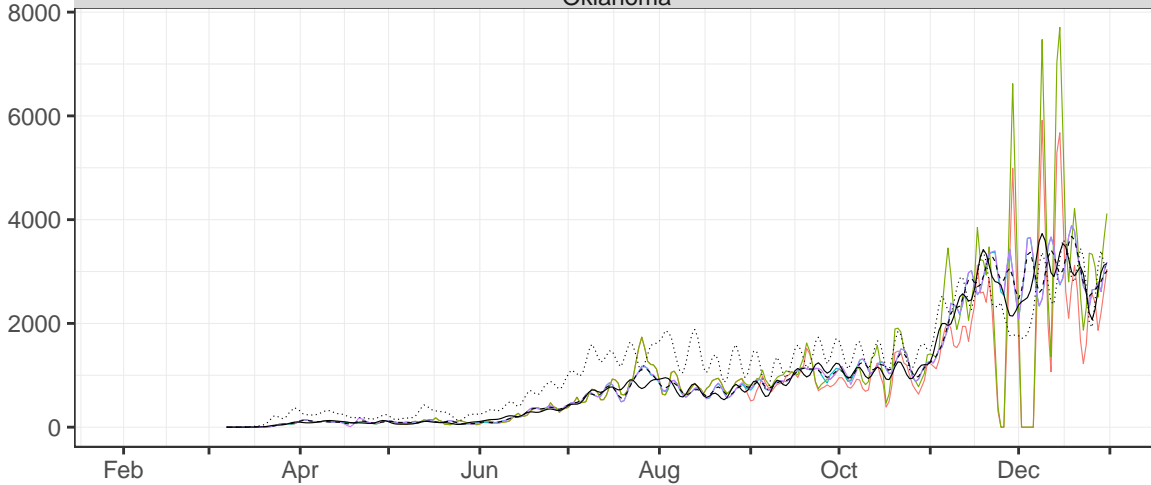
## Arkansas



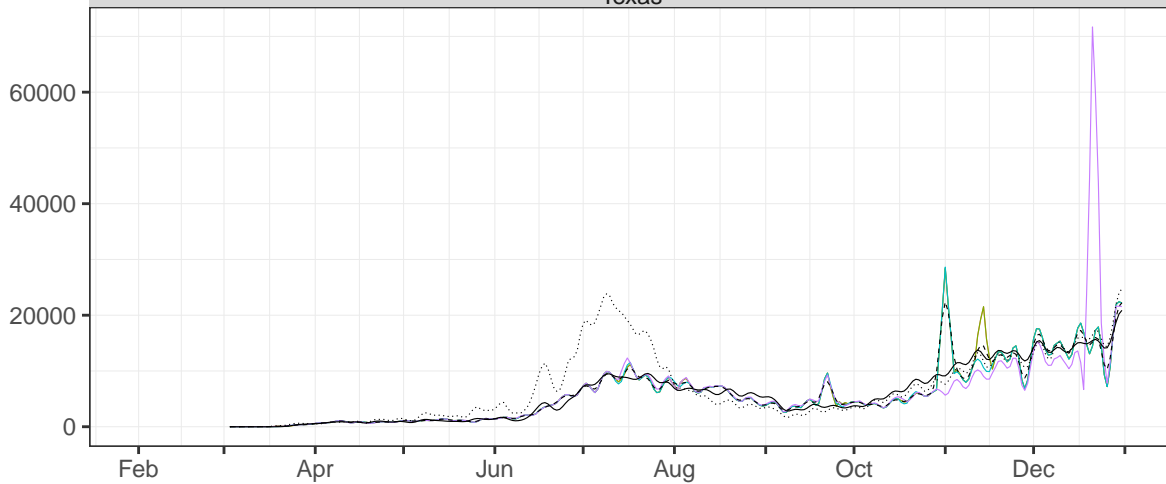
## Louisiana



## Oklahoma



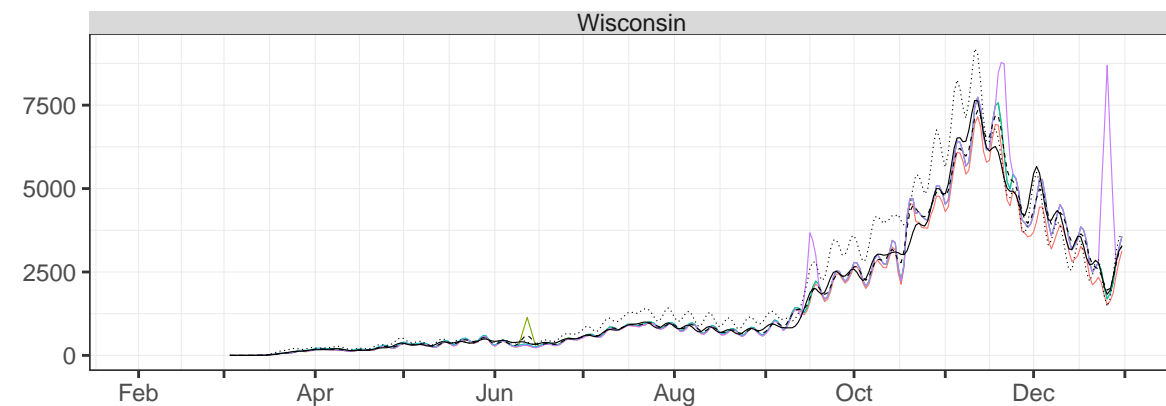
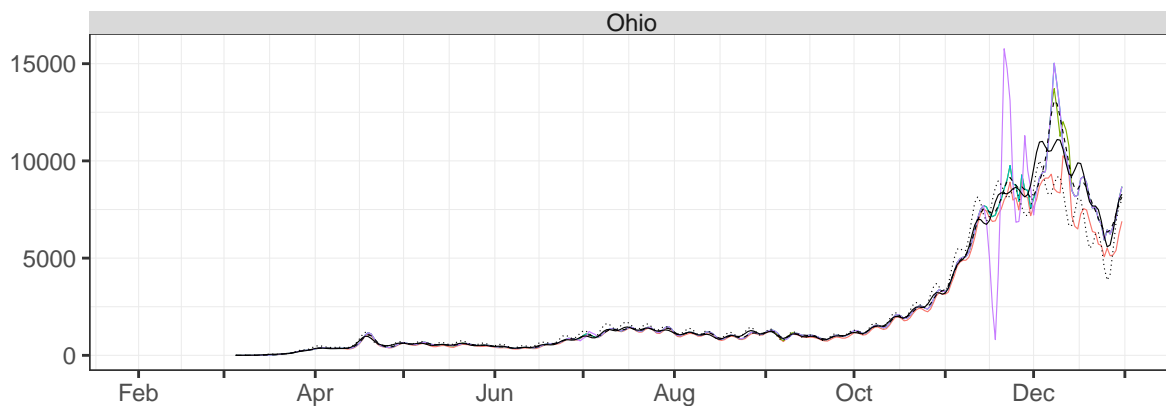
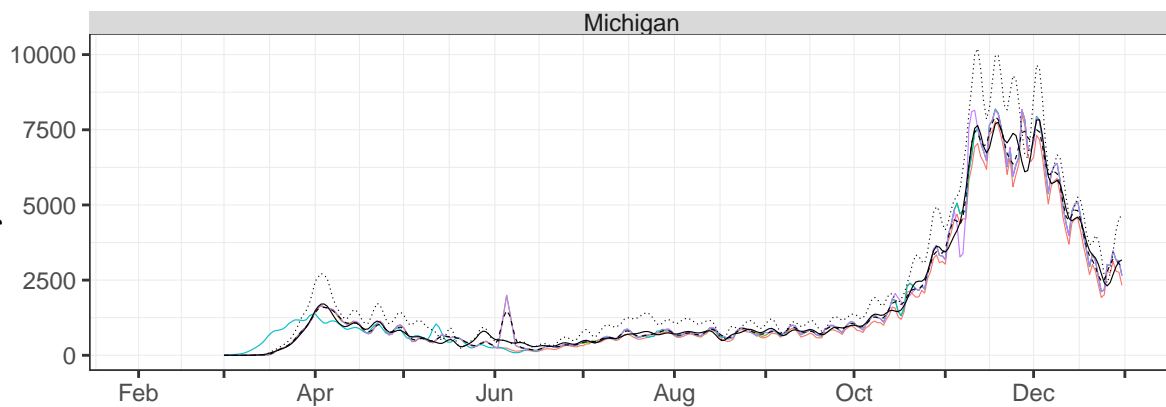
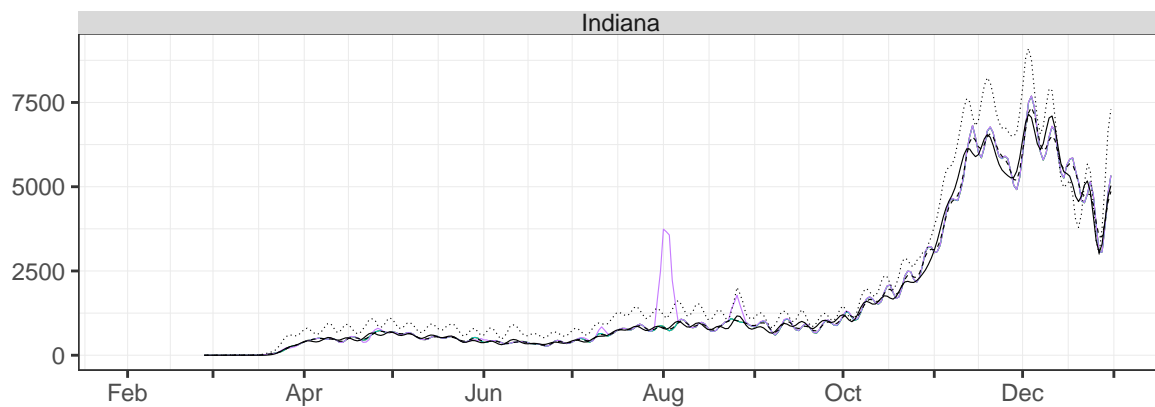
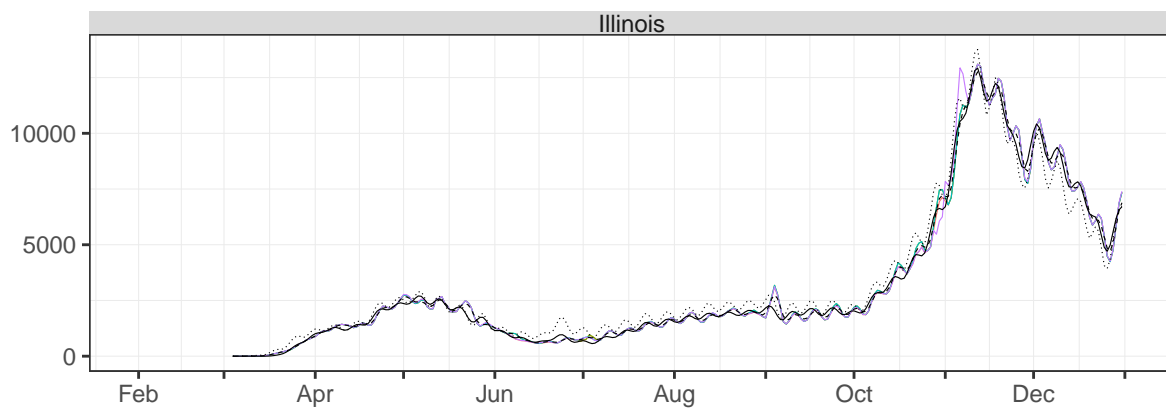
## Texas



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- - - Consensus cases  
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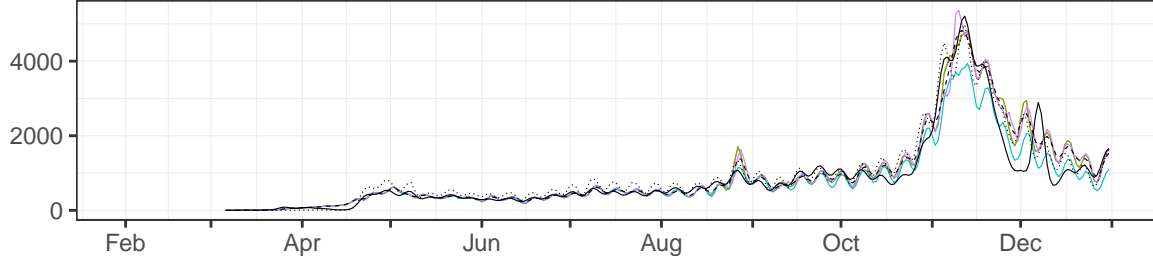
# East North Central



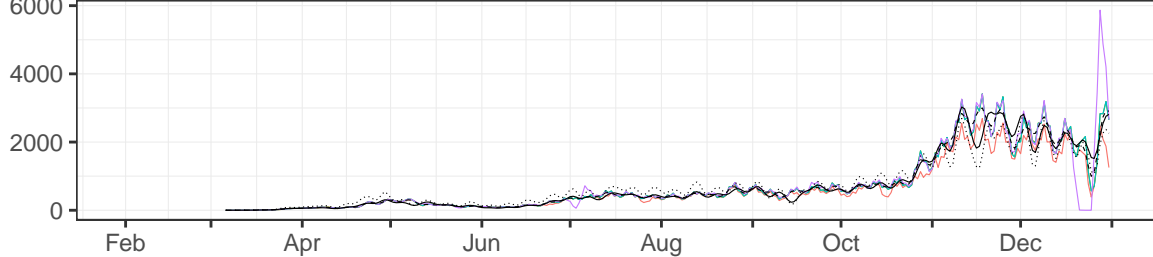
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# West North Central

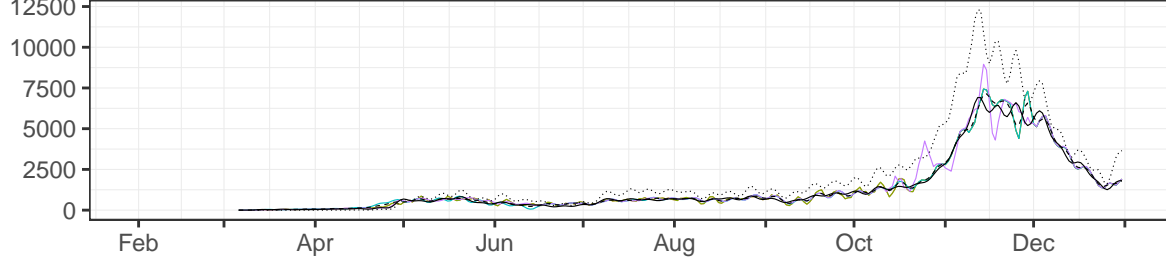
Iowa



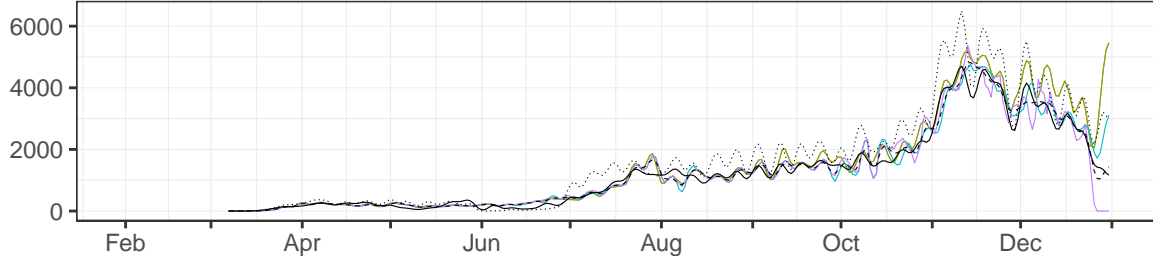
Kansas



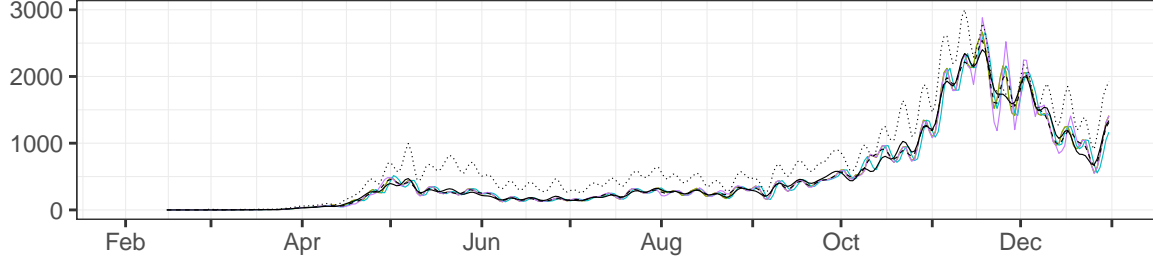
Minnesota



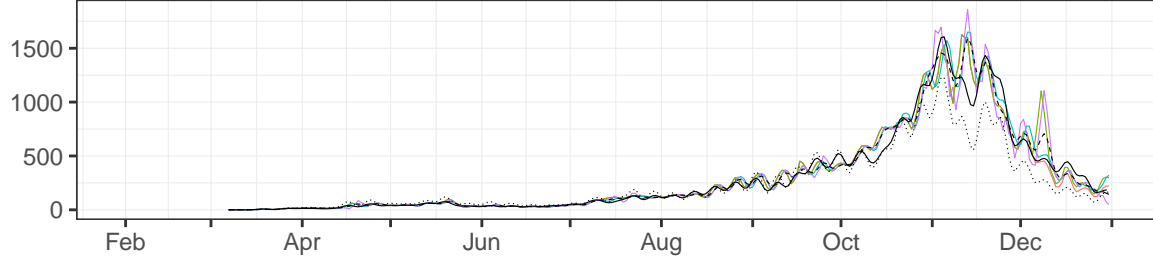
Missouri



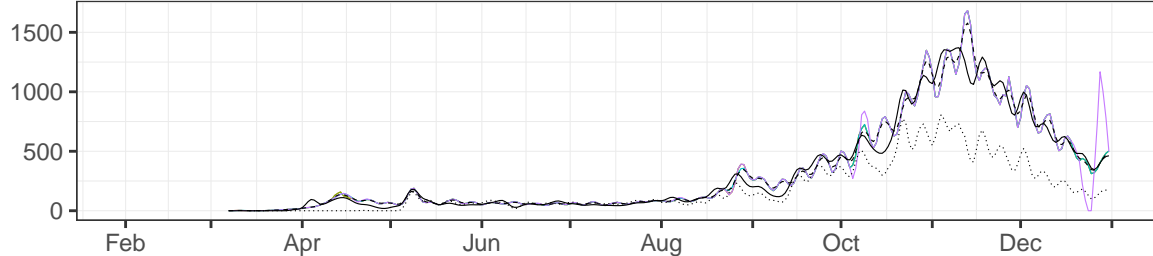
Nebraska



North Dakota



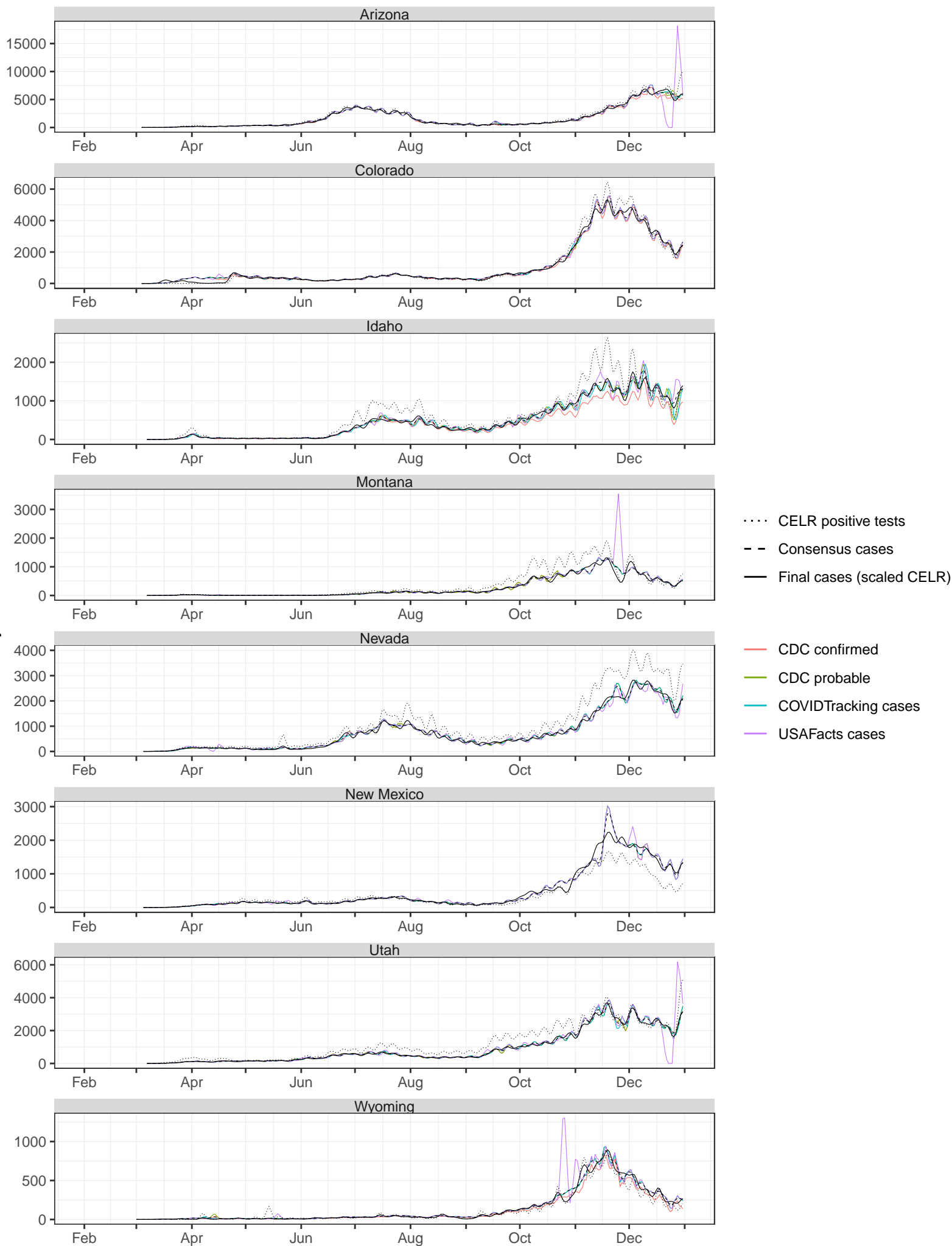
South Dakota



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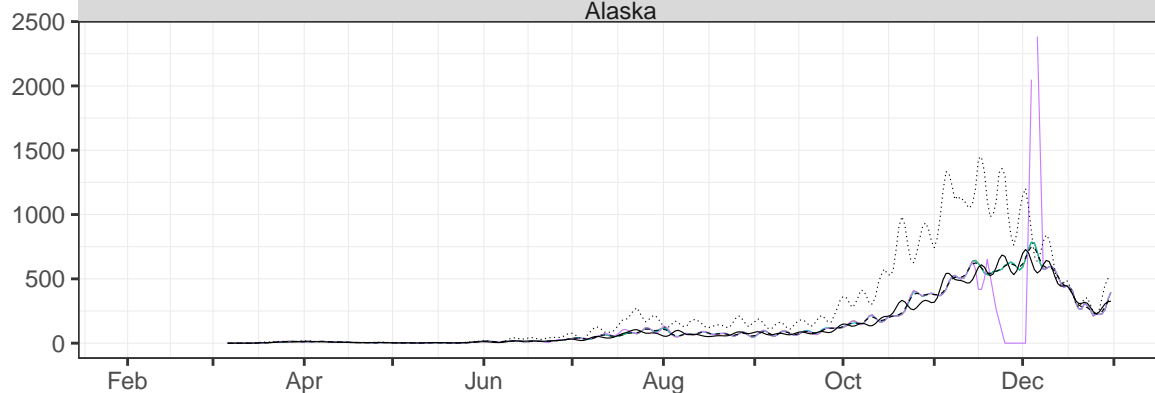


# Mountain

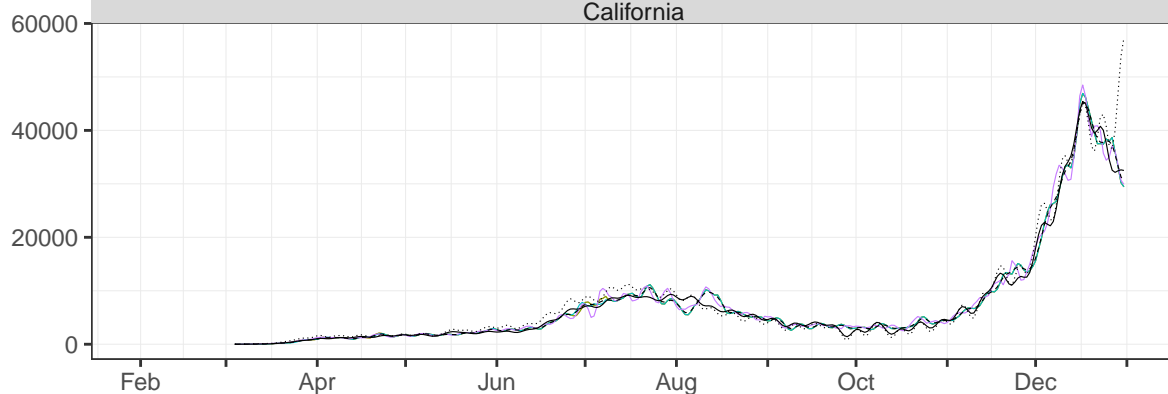


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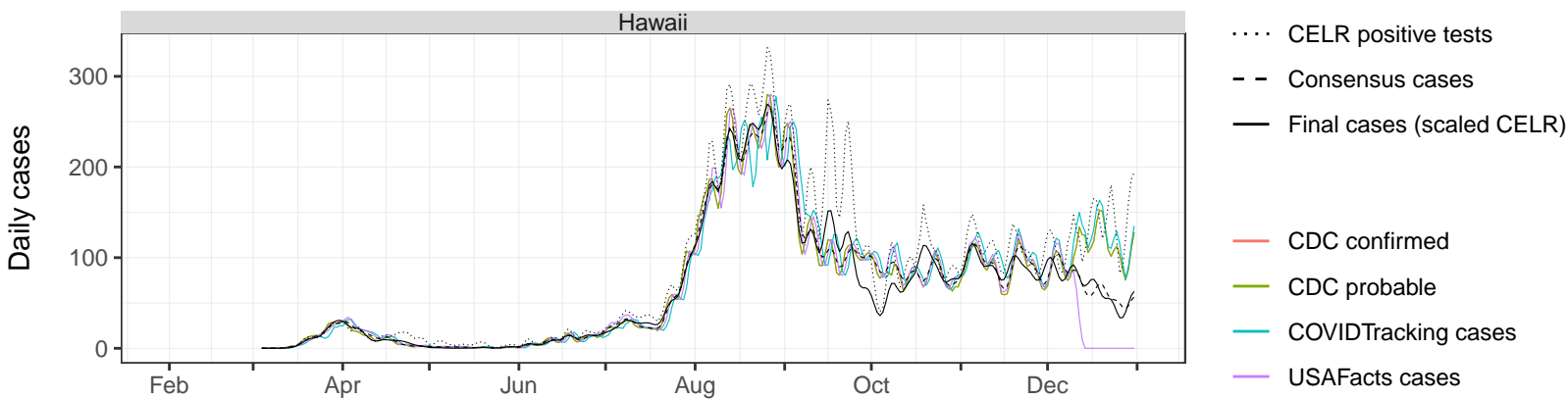
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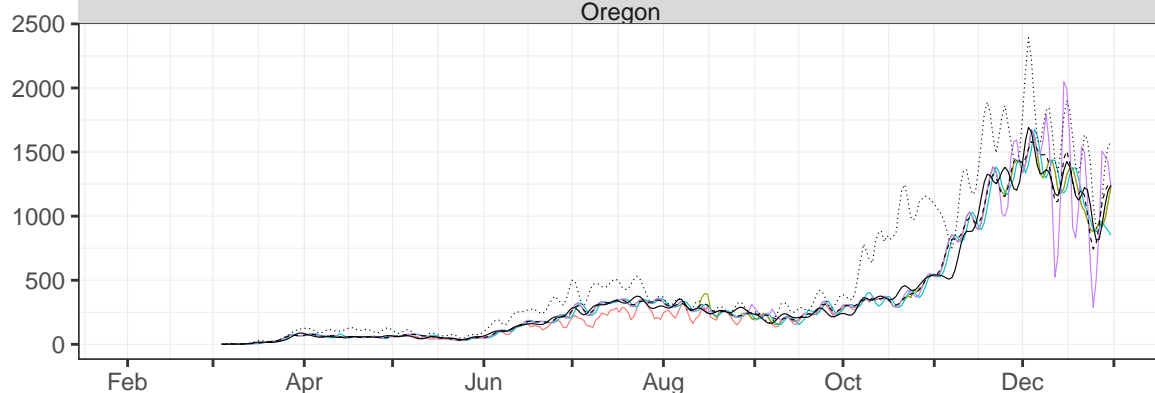
## California



## Hawaii



## Oregon



## Washington

