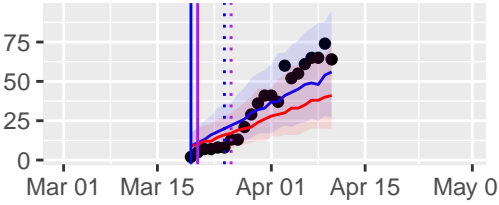
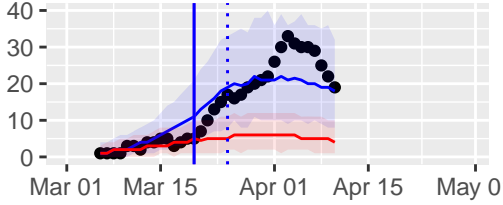


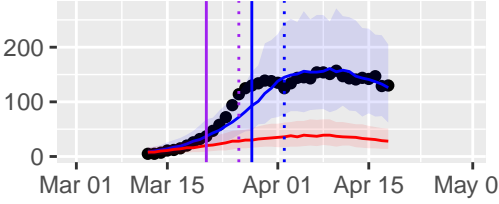
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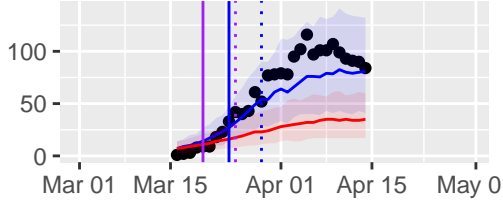
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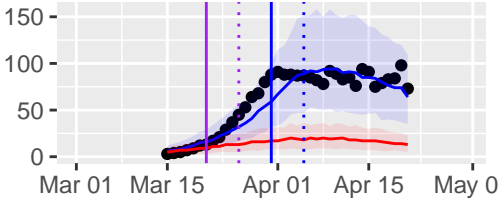
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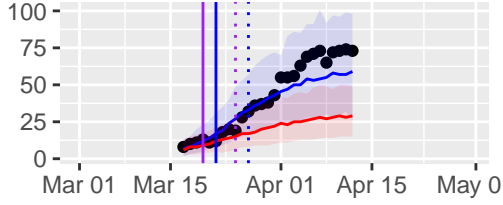
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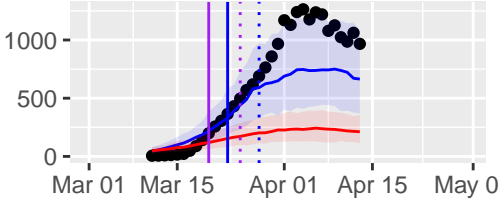
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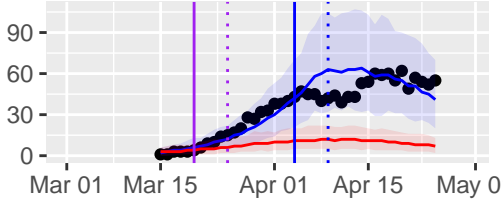
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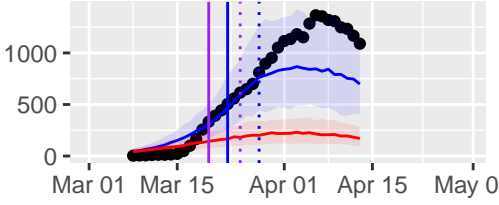
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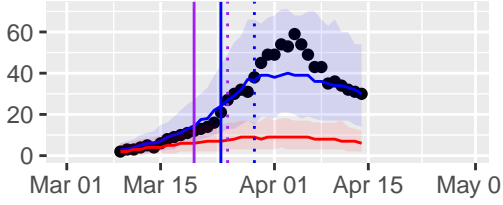
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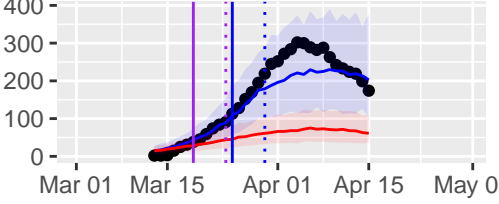
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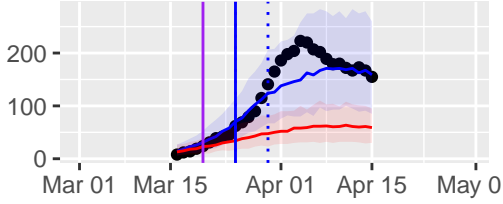
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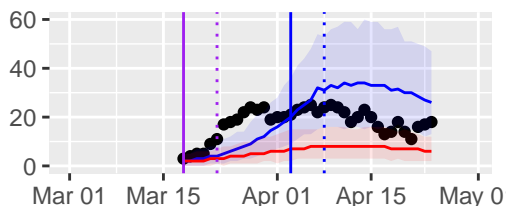
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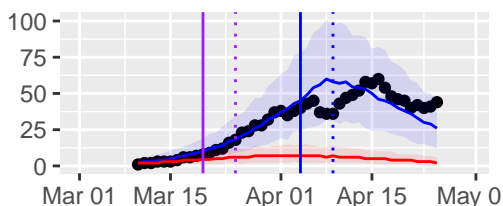
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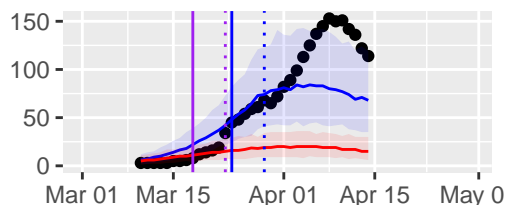
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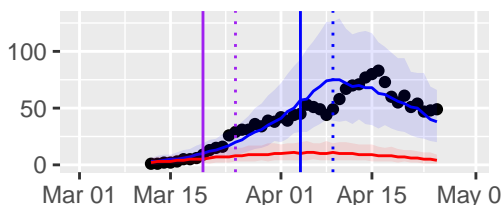
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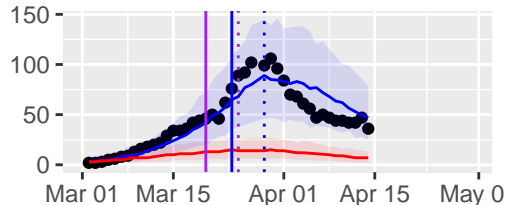
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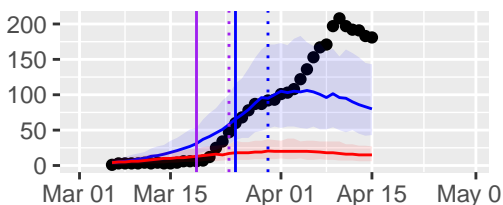
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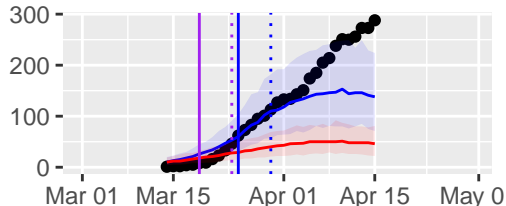
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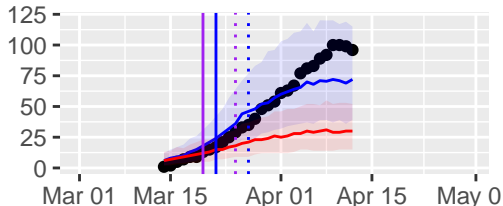
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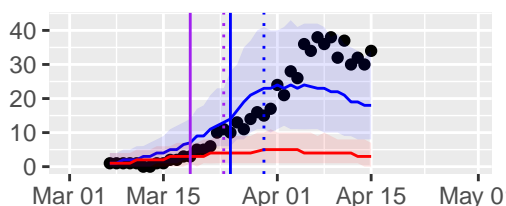
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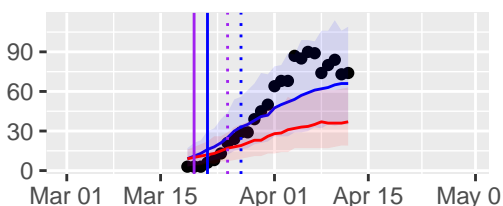
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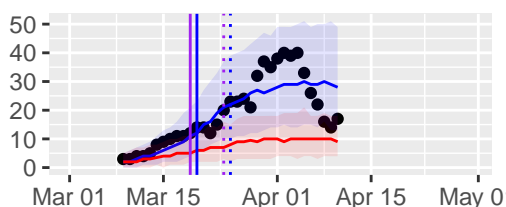
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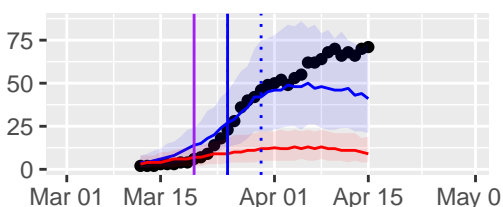
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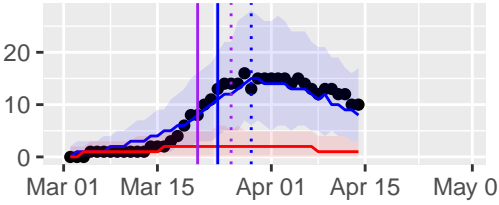
California San Mateo



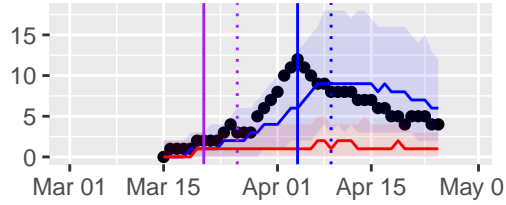
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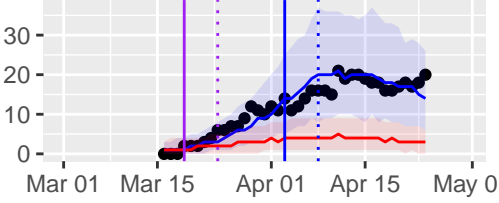
Oregon Washington



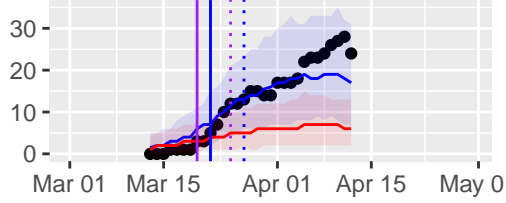
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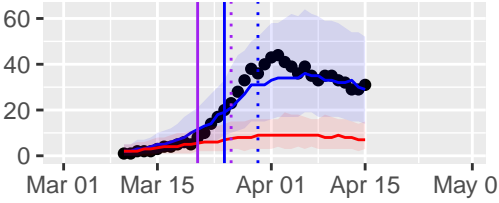
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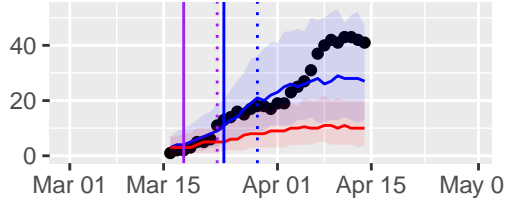
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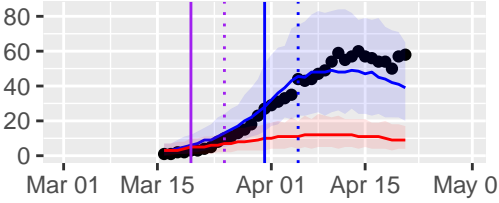
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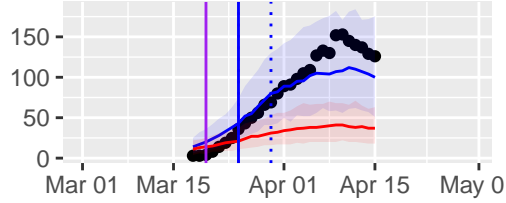
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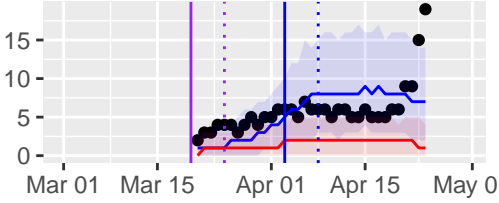
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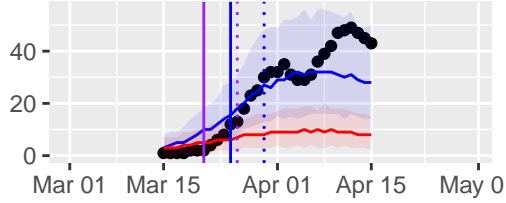
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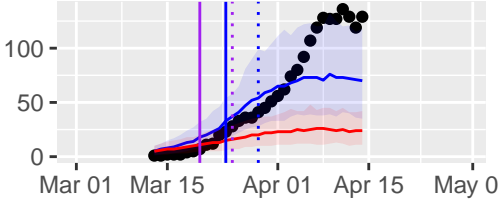
Texas Williamson



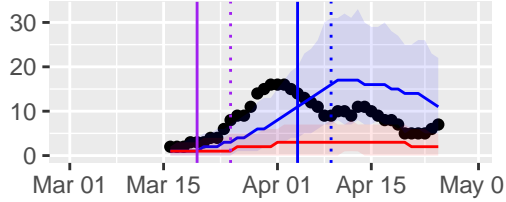
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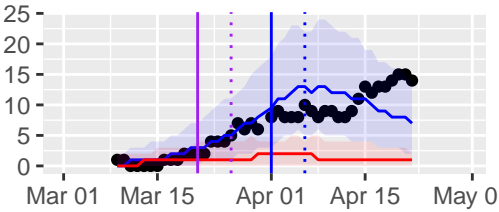
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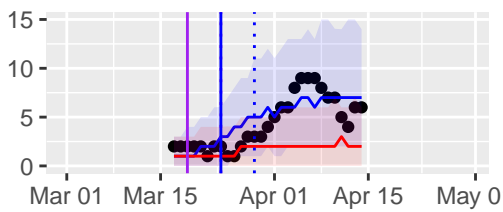
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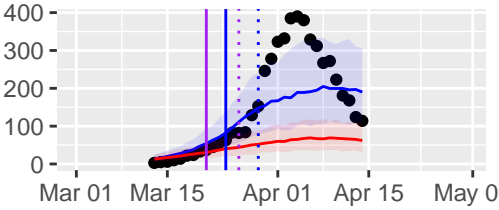
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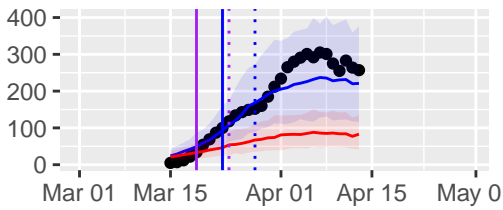
Ohio Butler



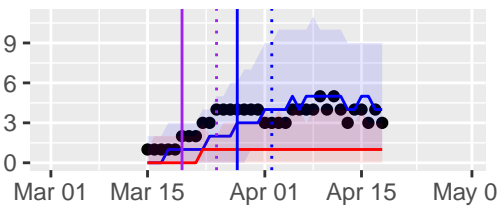
Louisiana Jefferson



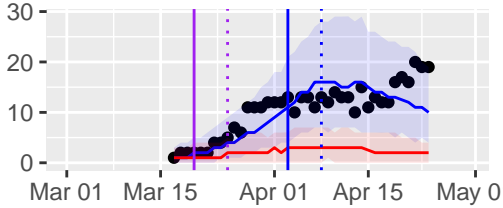
New York Orange



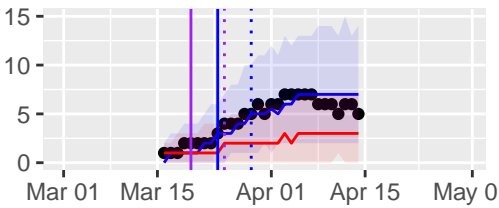
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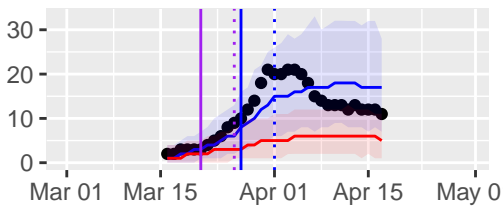
Texas Brazoria



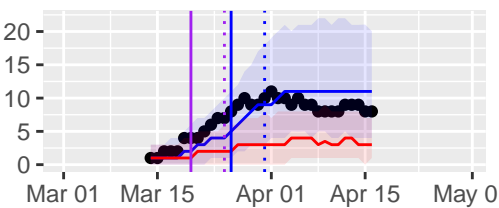
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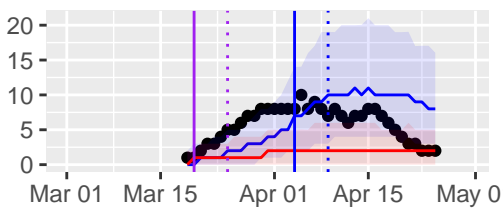
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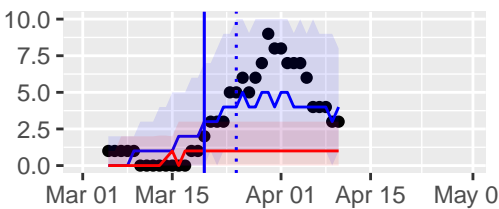
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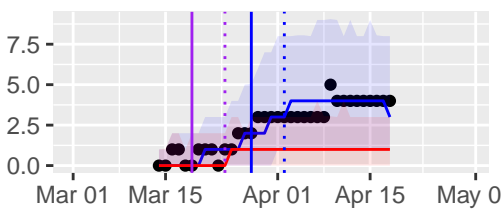
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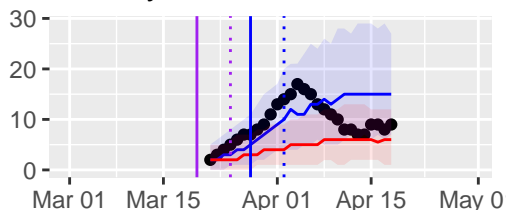
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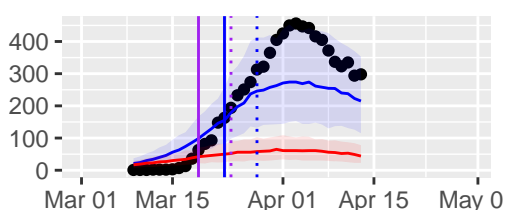
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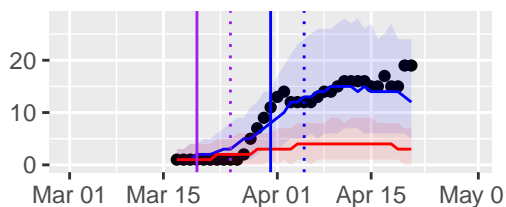
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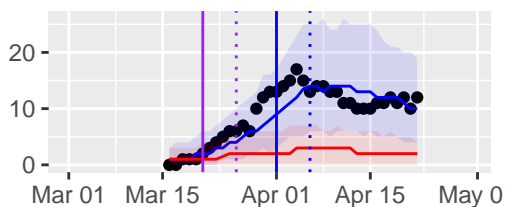
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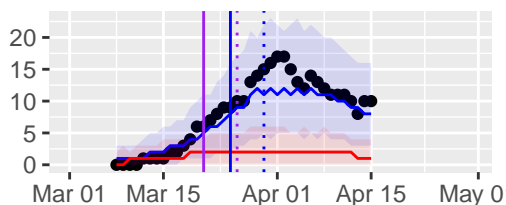
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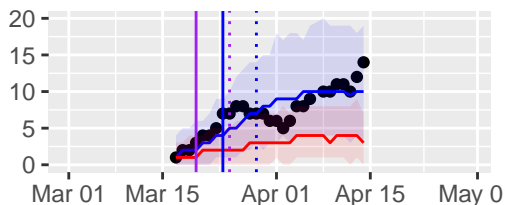
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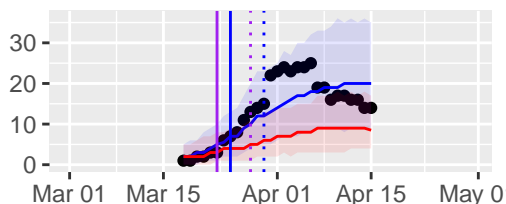
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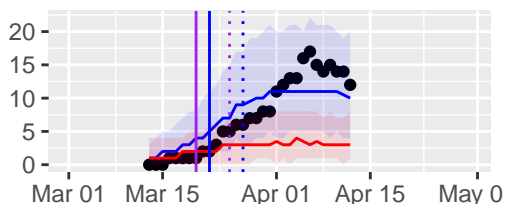
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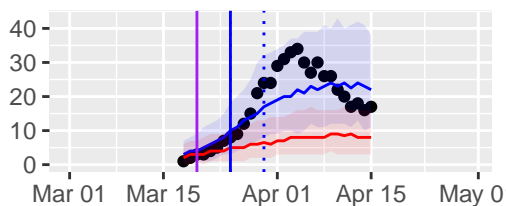
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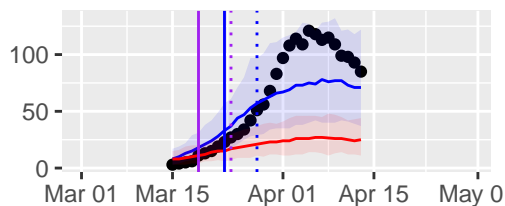
Illinois McHenry



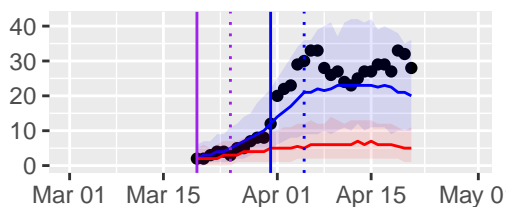
Indiana Hamilton



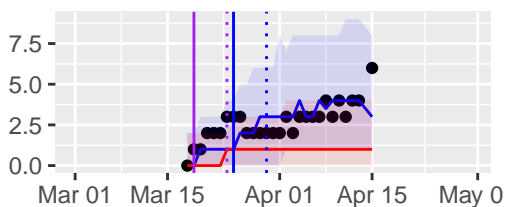
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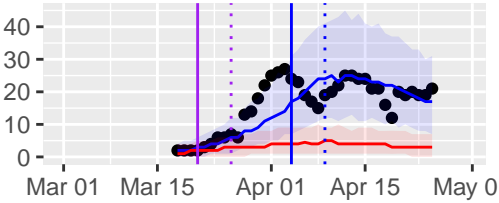
Virginia Henrico



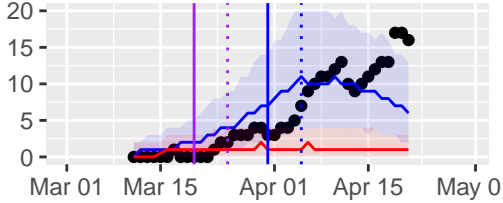
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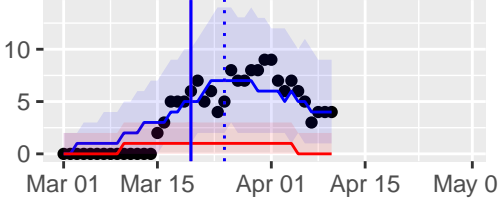
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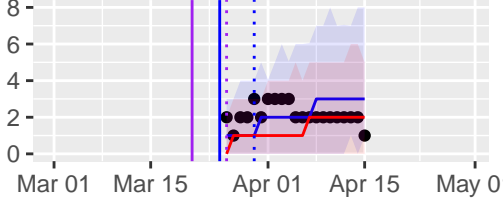
Maryland Harford



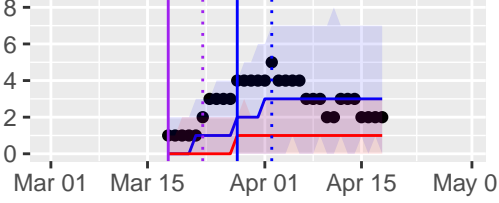
California Marin



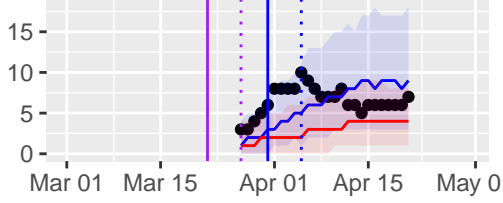
Missouri Clay



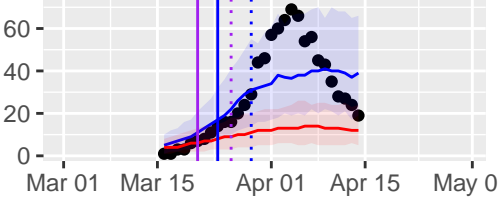
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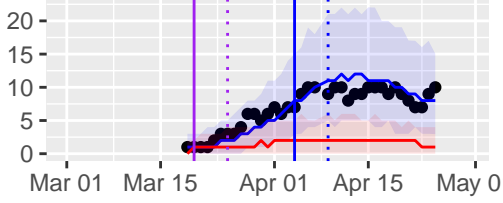
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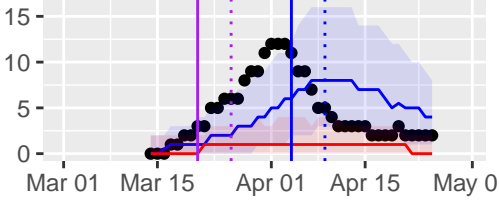
Louisiana St. Tammany



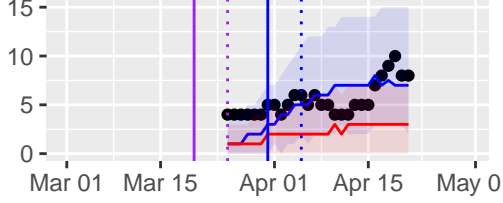
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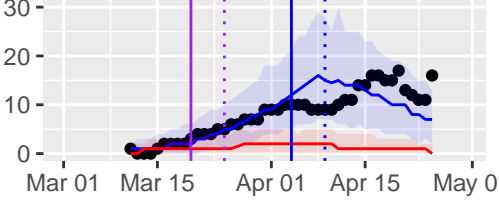
Florida St. Johns



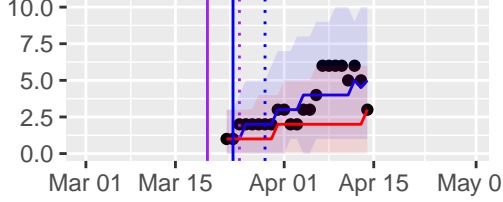
North Carolina Union



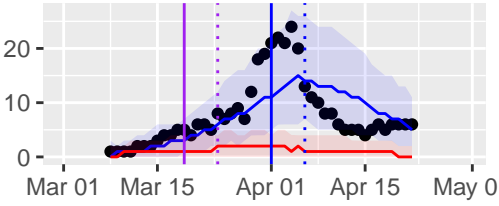
Georgia Cherokee



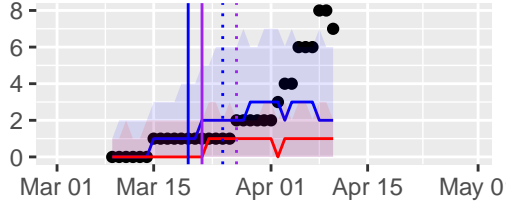
Ohio Warren



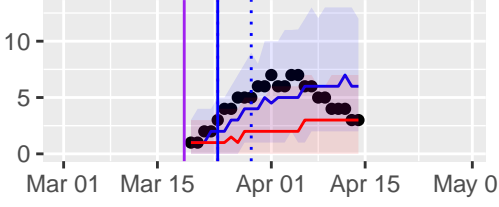
Tennessee Williamson



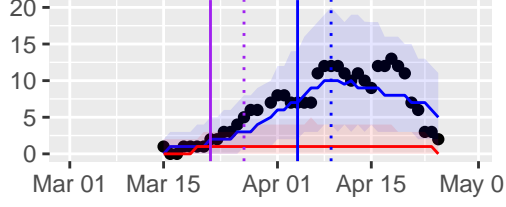
California Yolo



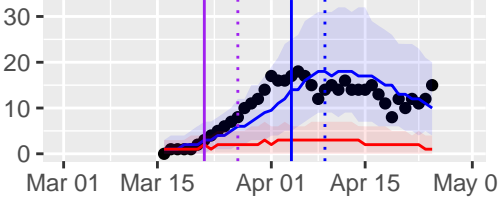
Ohio Lake



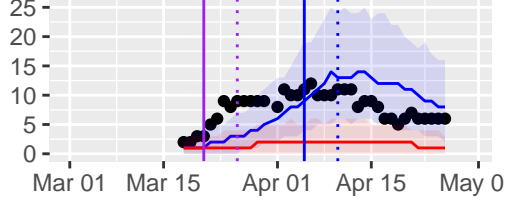
Florida Clay



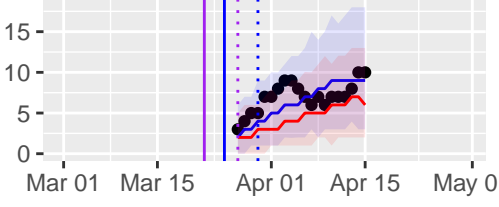
Georgia Henry



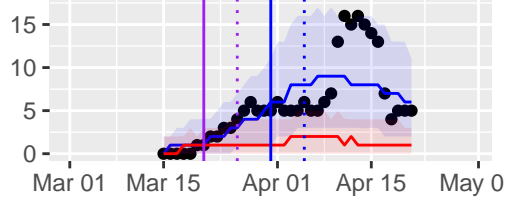
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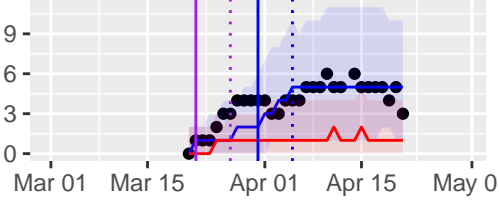
Missouri Jefferson



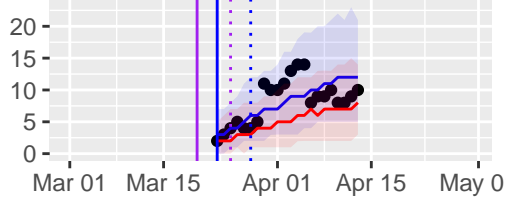
North Carolina Cabarrus



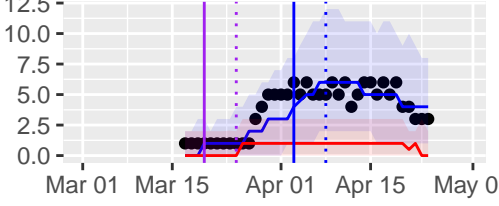
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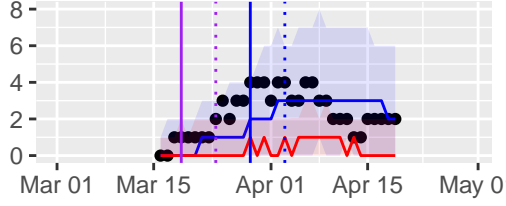
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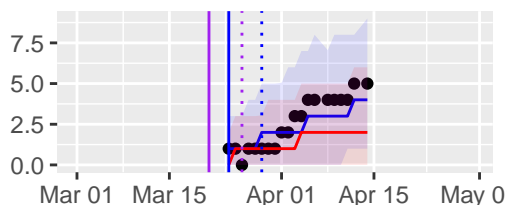
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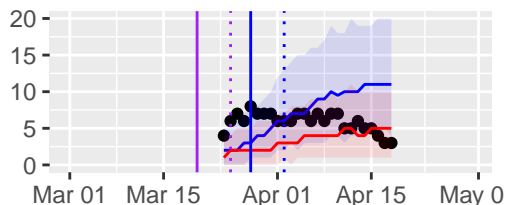
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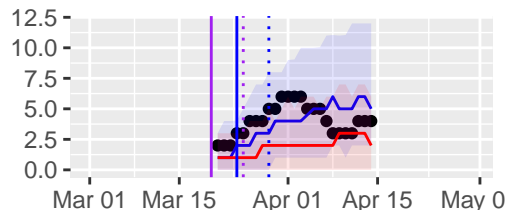
Ohio Clermont



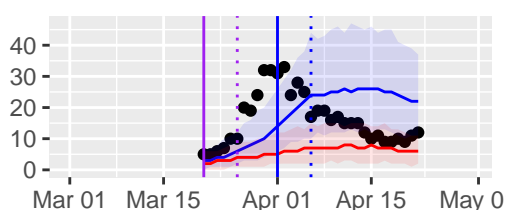
Pennsylvania Butler



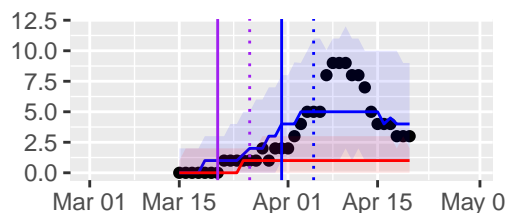
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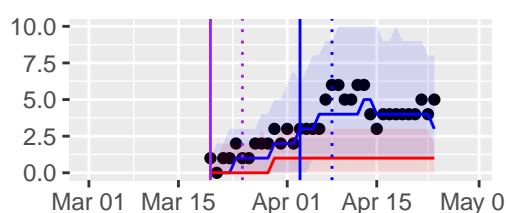
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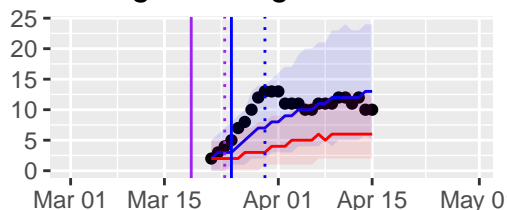
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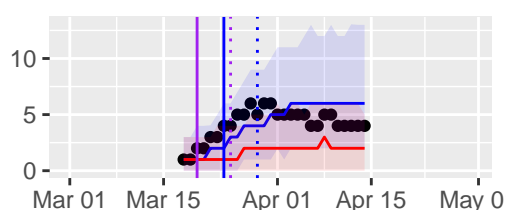
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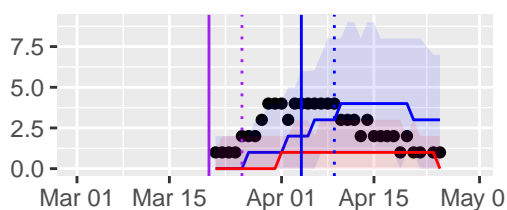
Michigan Livingston



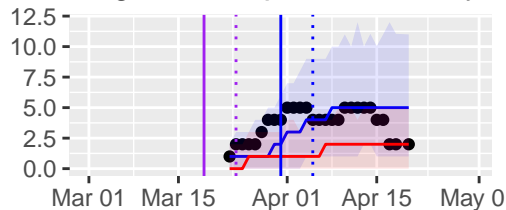
Ohio Medina



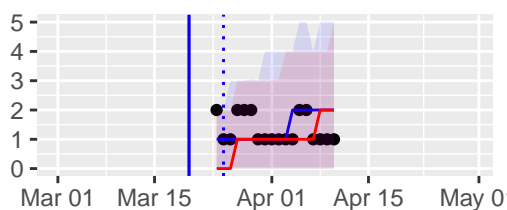
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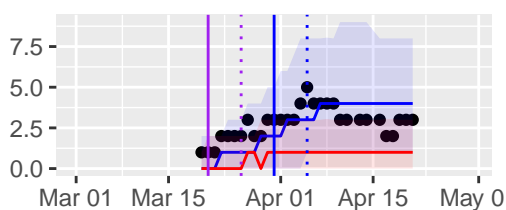
Virginia Newport News city



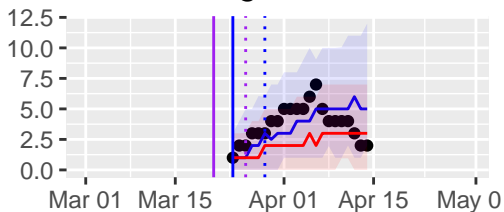
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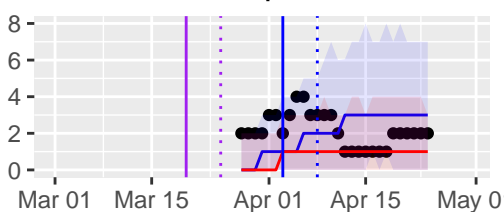
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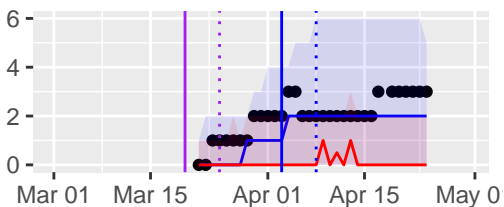
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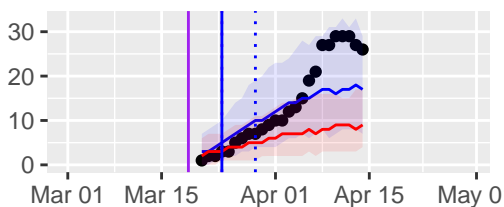
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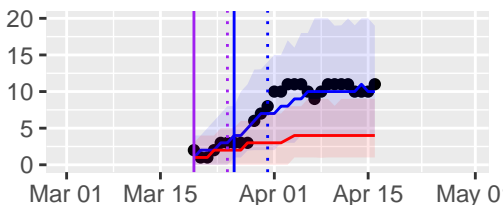
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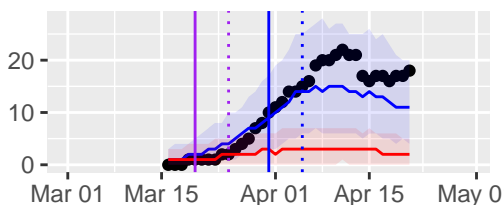
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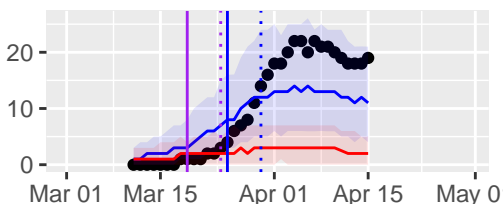
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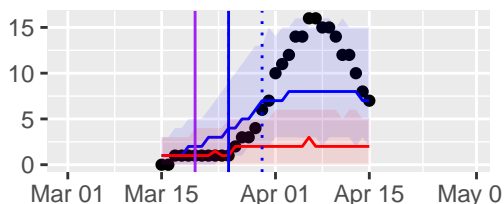
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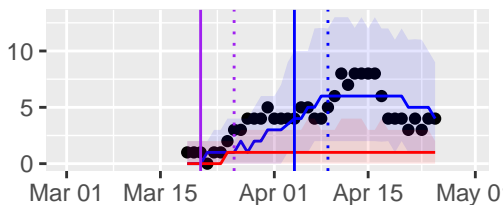
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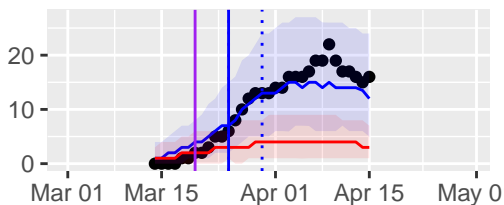
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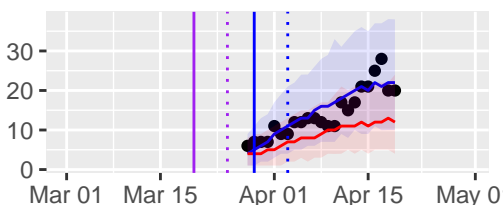
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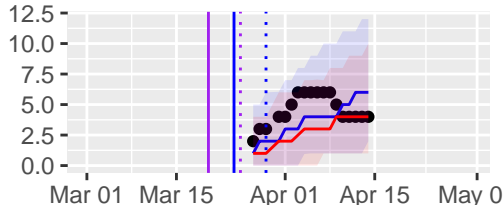
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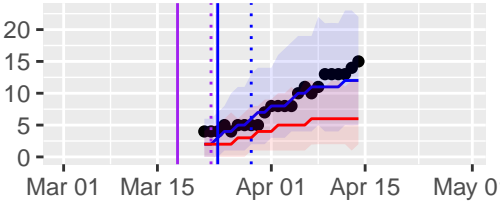
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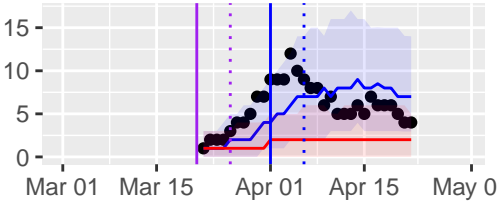
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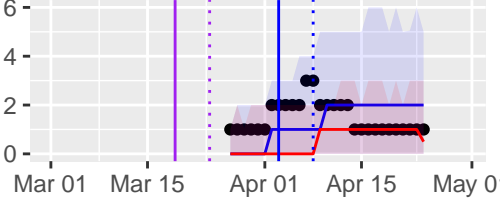
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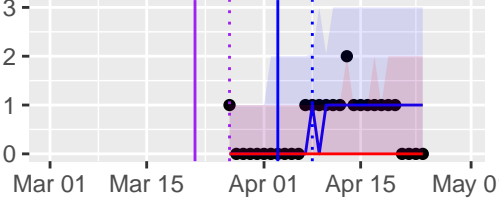
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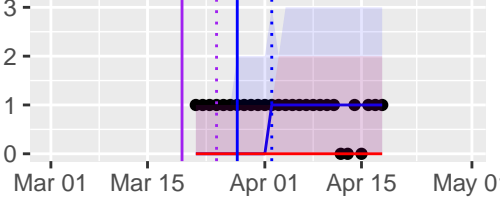
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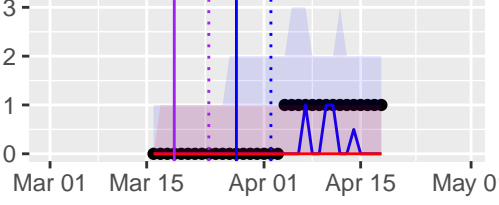
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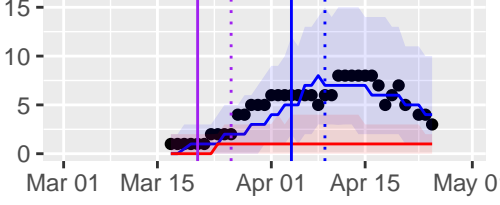
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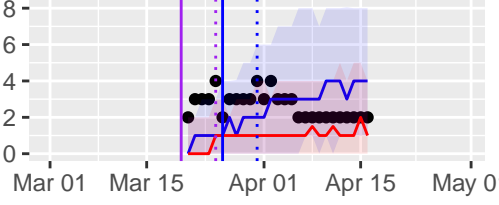
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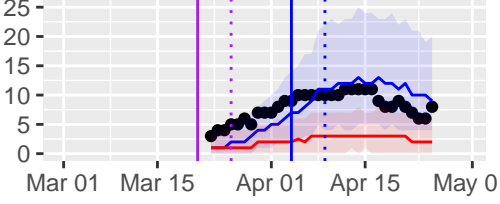
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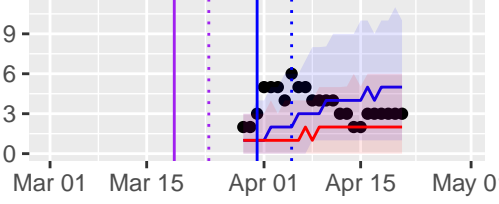
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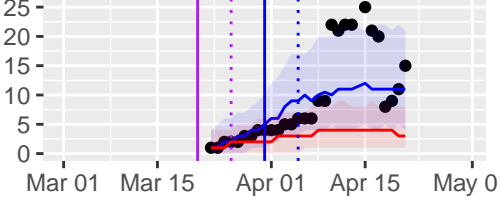
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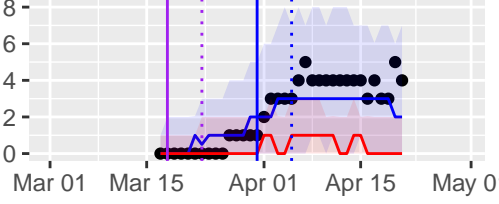
Virginia Hampton city



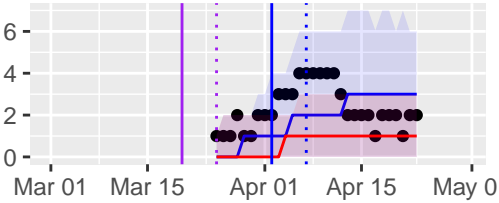
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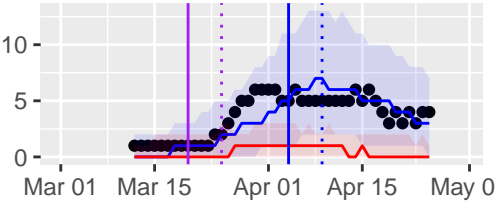
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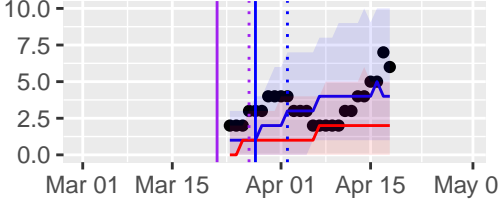
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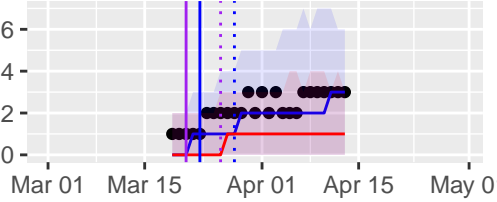
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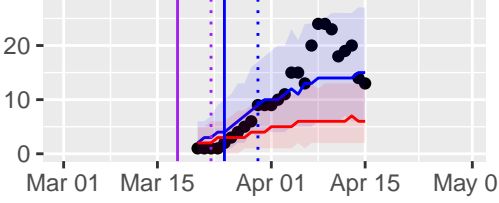
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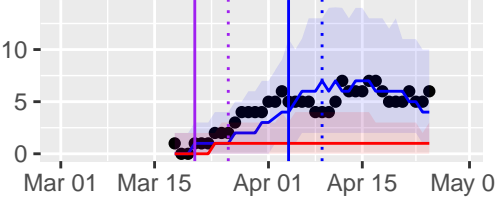
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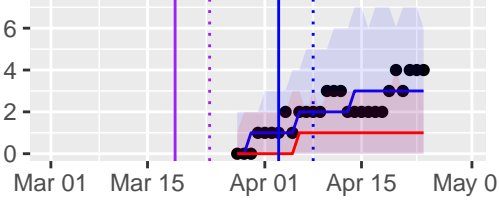
Indiana Madison



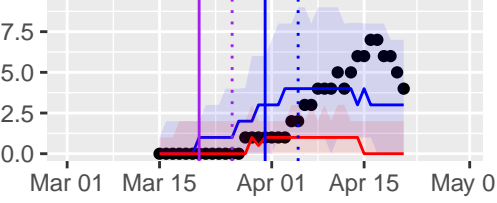
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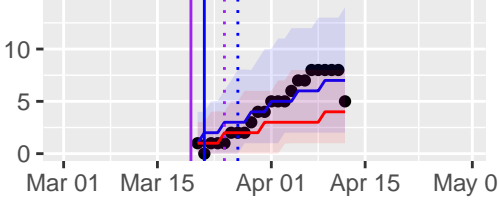
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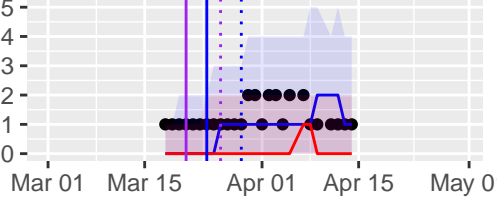
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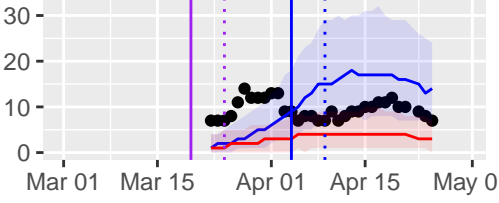
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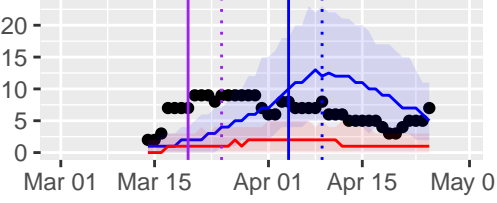
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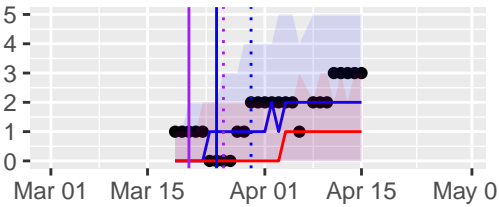
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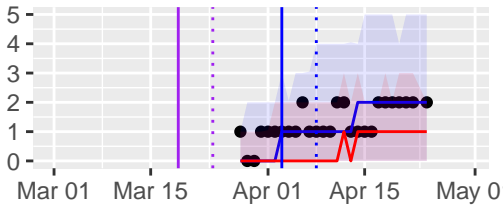
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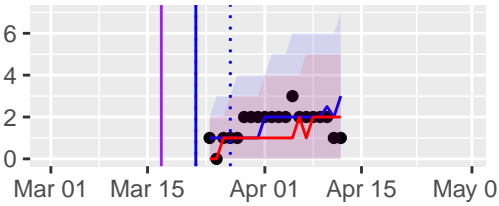
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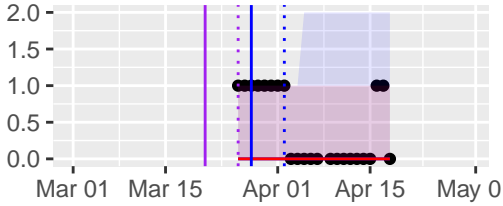
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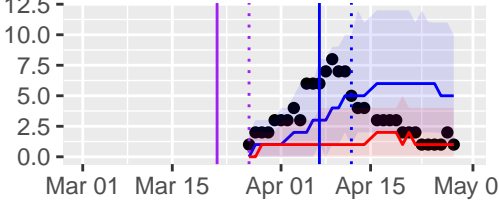
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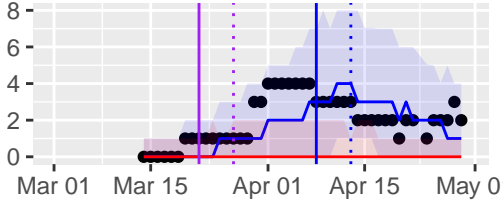
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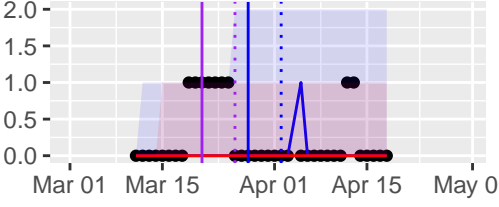
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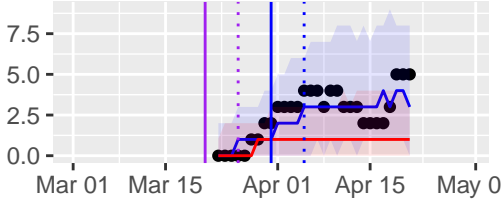
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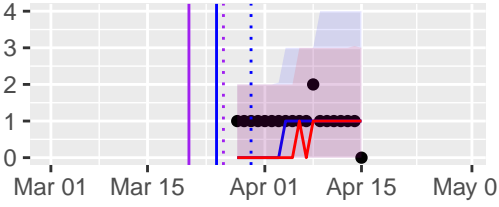
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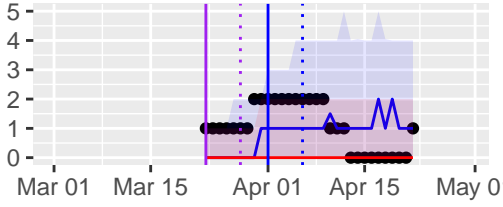
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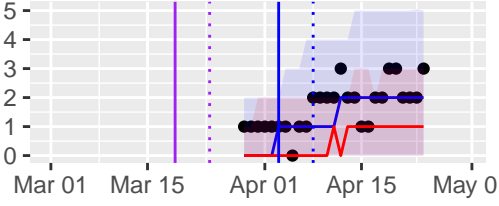
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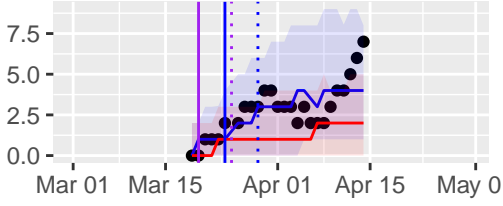
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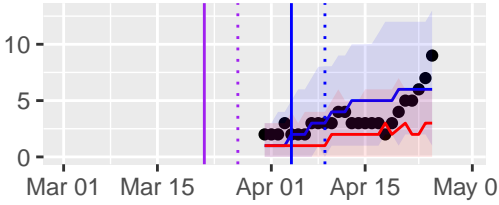
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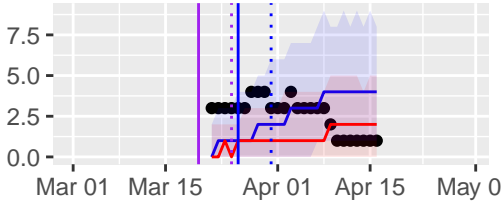
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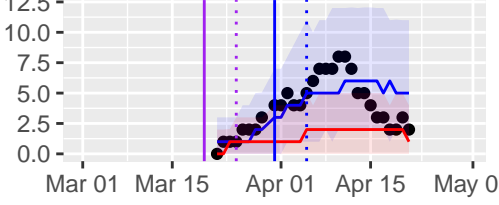
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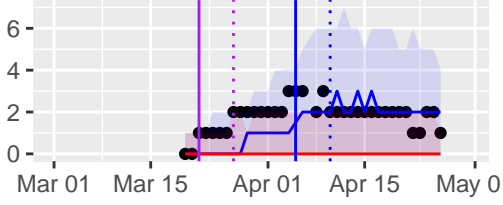
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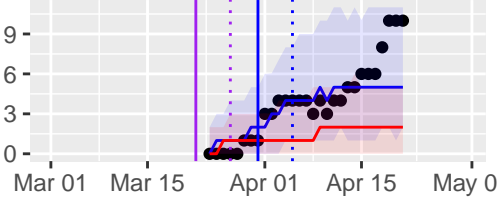
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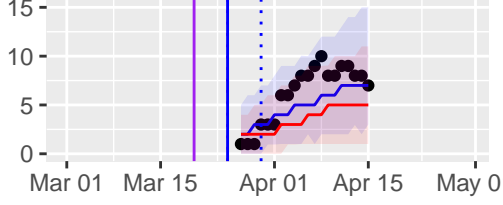
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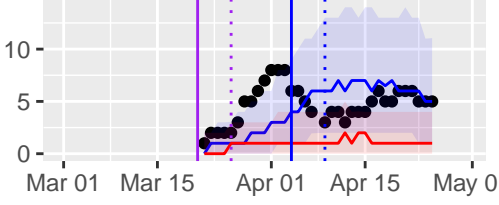
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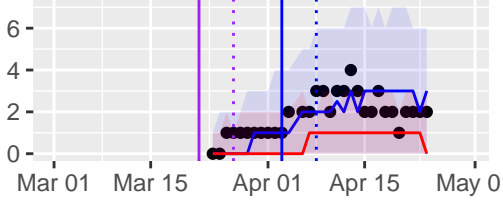
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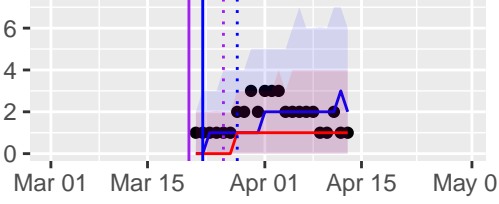
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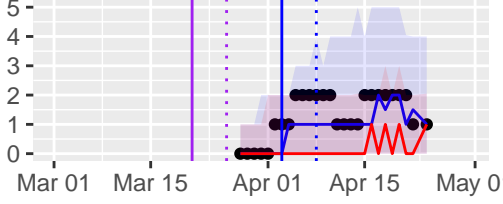
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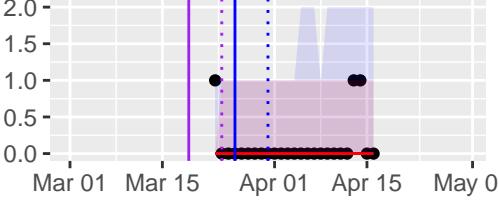
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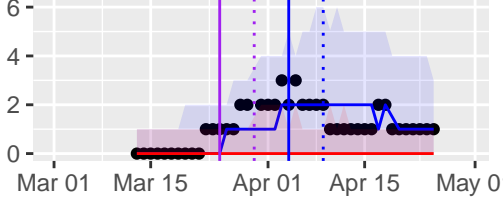
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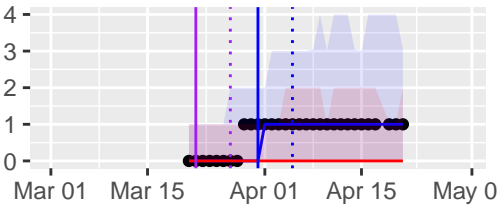
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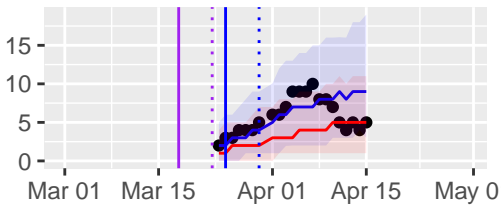
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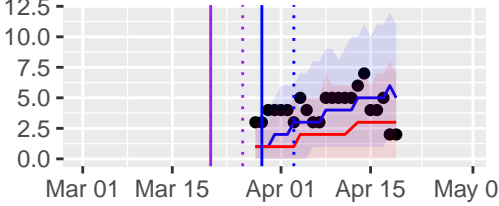
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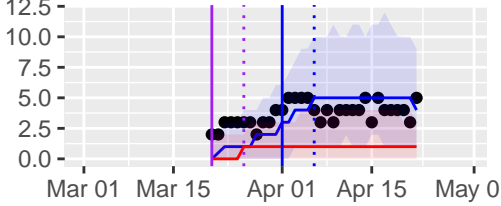
Indiana Hancock



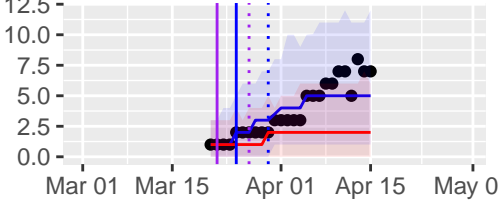
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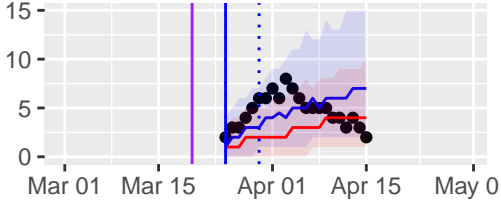
Tennessee Robertson



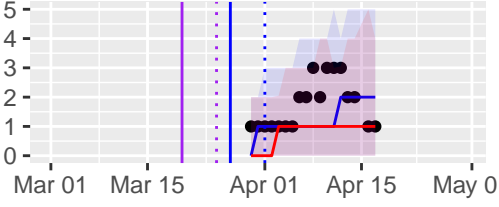
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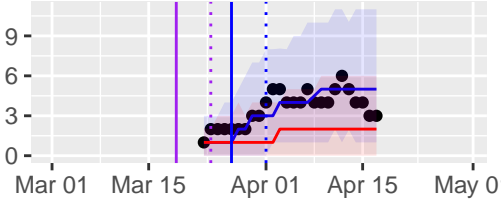
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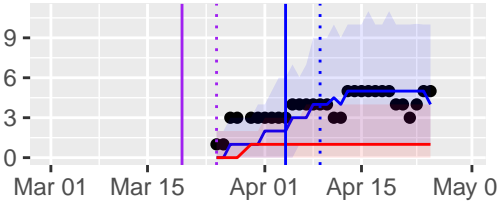
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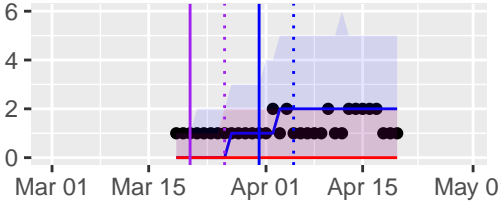
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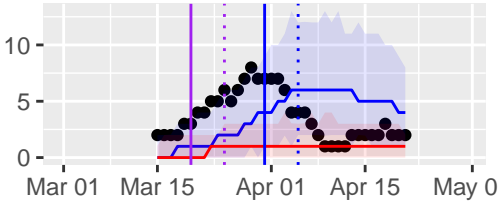
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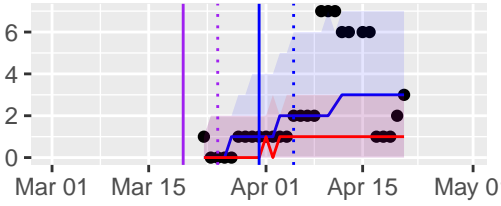
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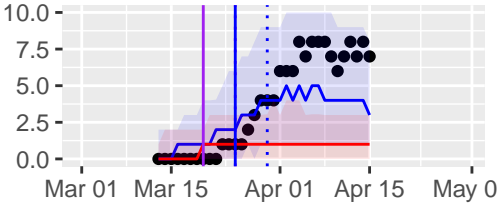
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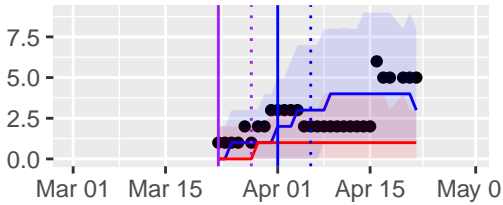
North Carolina Franklin



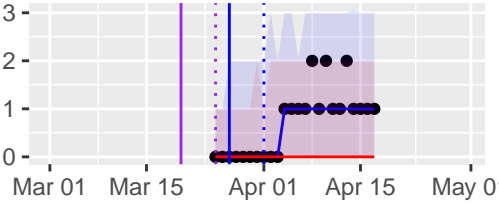
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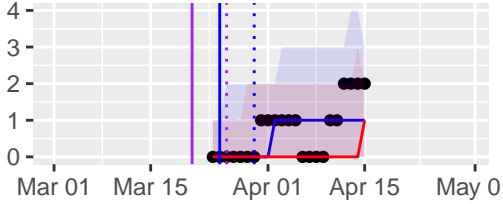
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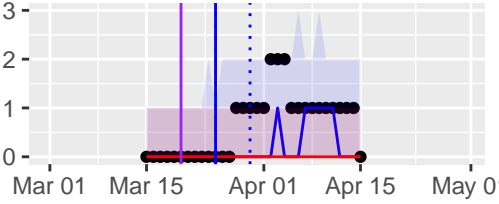
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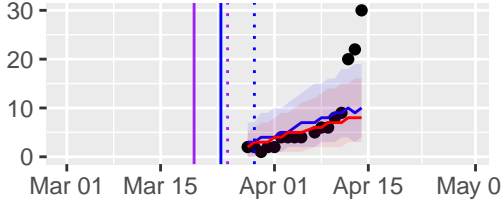
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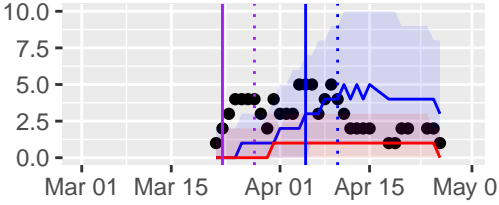
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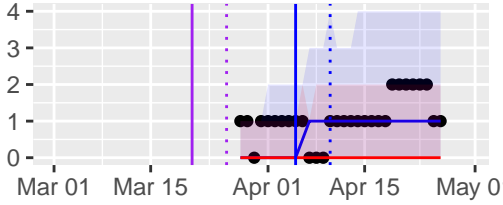
Ohio Pickaway



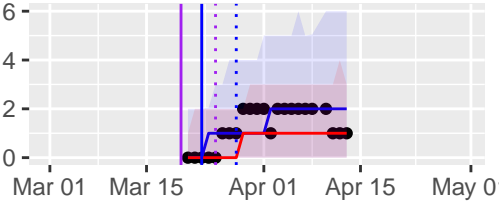
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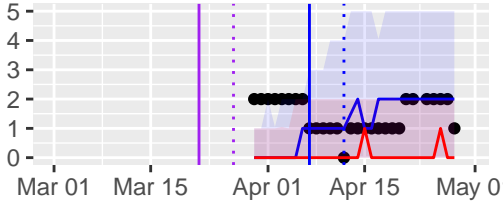
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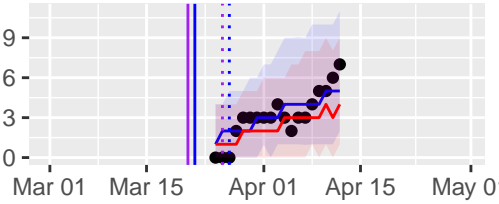
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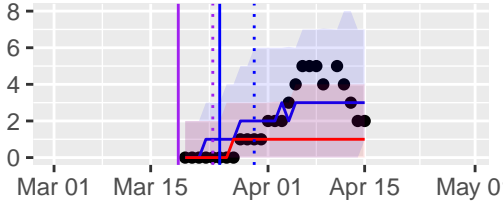
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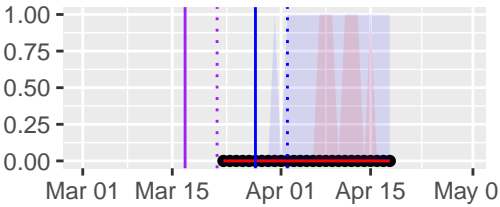
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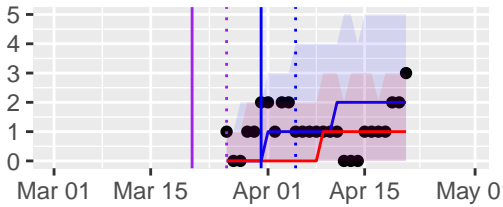
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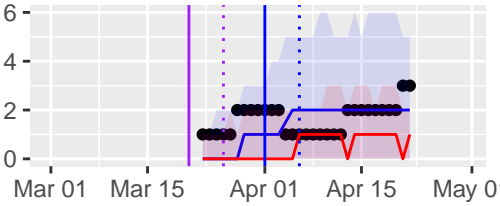
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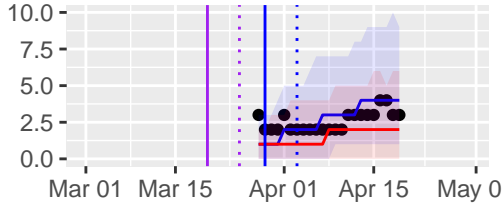
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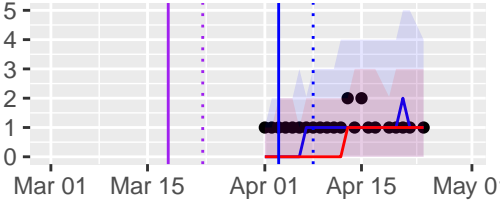
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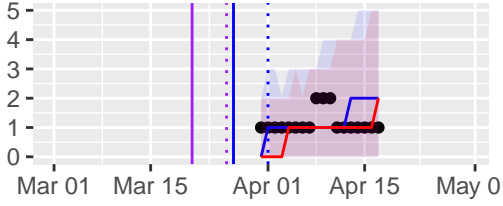
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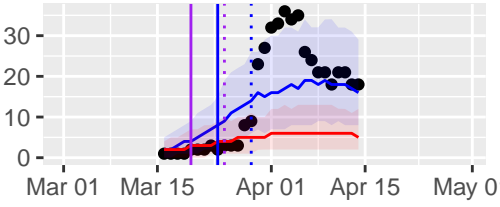
Texas Waller



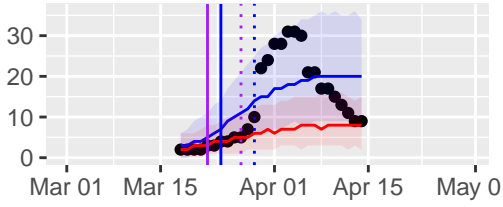
Kentucky Shelby



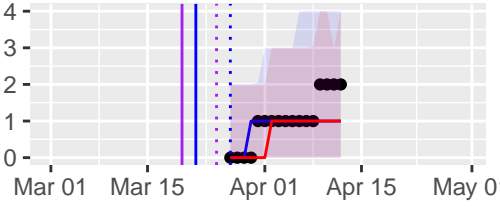
Louisiana St. Charles



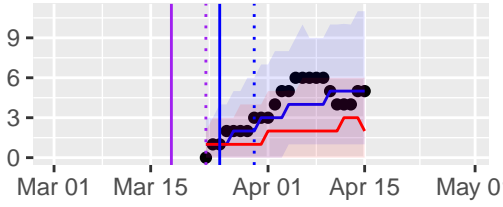
Louisiana St. Bernard



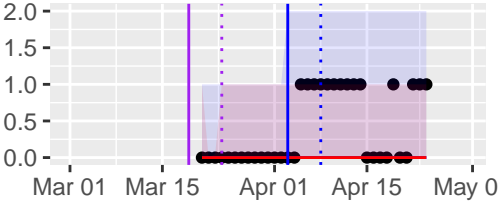
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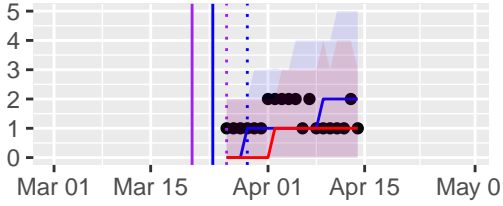
Indiana Shelby



Texas Medina



Ohio Madison



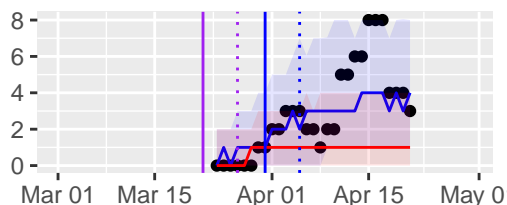
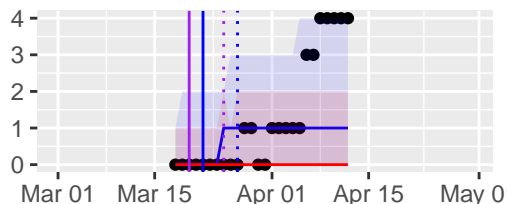
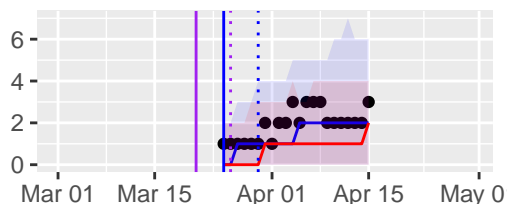
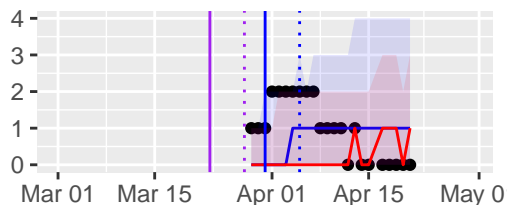
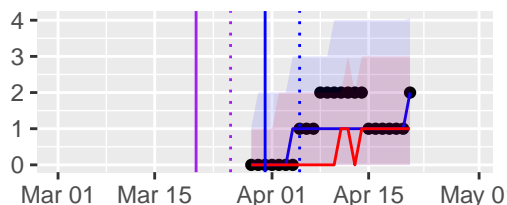
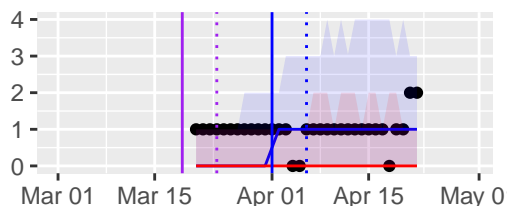
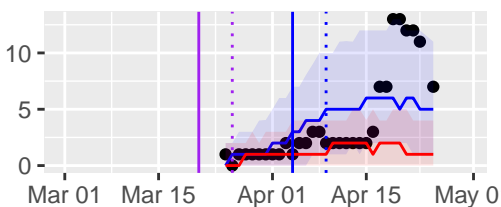
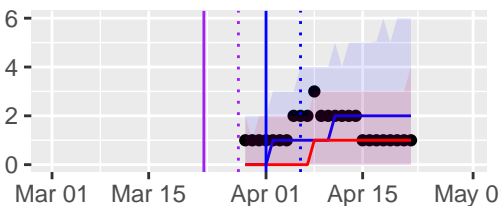
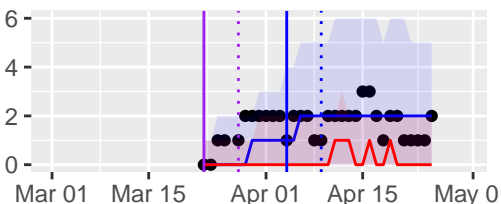
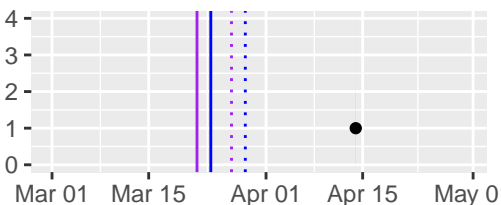
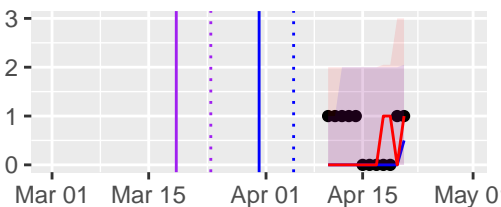
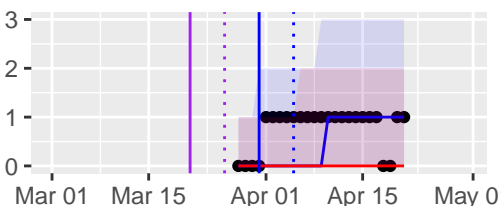
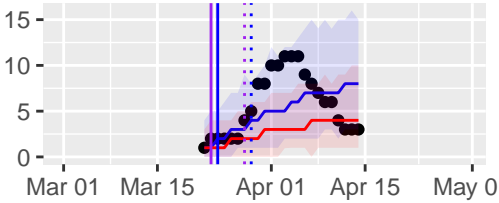


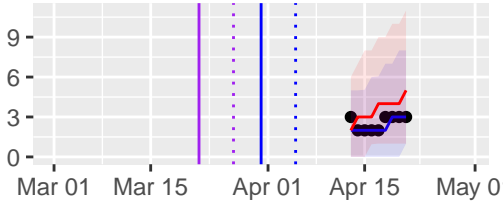
Figure 1 is a plot showing the number of cases in the United Kingdom from March 1 to May 0. The y-axis represents the number of cases (0 to 4). The x-axis shows dates. A purple shaded area represents the observed data, and a blue shaded area represents the model fit. A red dashed line indicates the true data, and a black solid line indicates the model prediction. Vertical lines mark the dates of the first, second, and third waves.



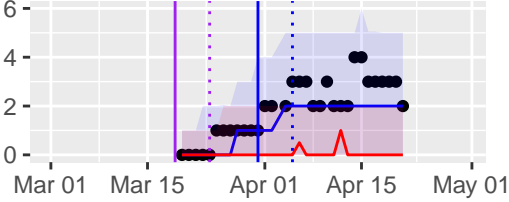
Louisiana Plaquemines



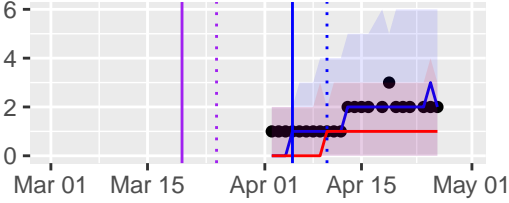
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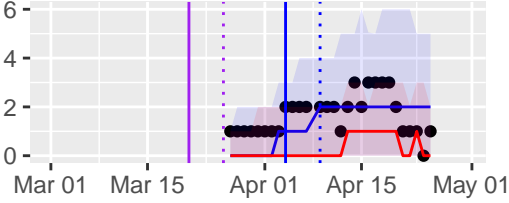
Virginia Goochland



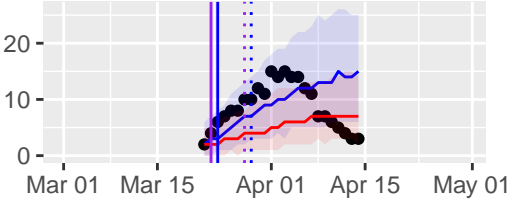
Alabama Bibb



Georgia Meriwether



Louisiana St. James



Georgia Lamar

