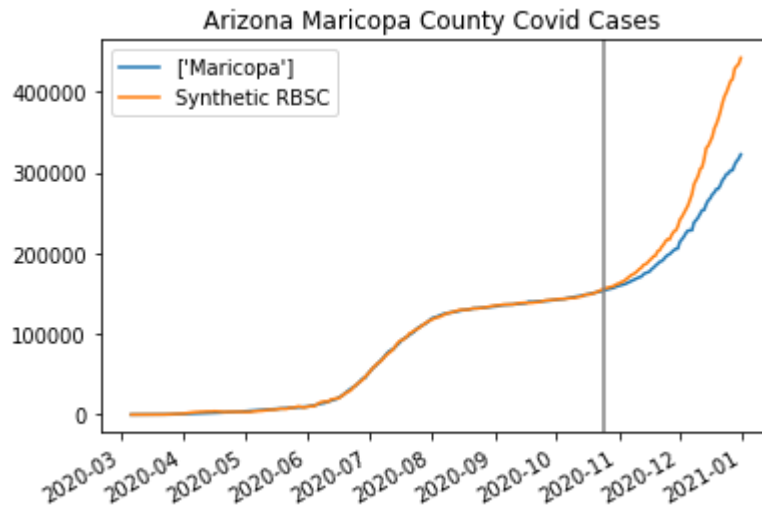
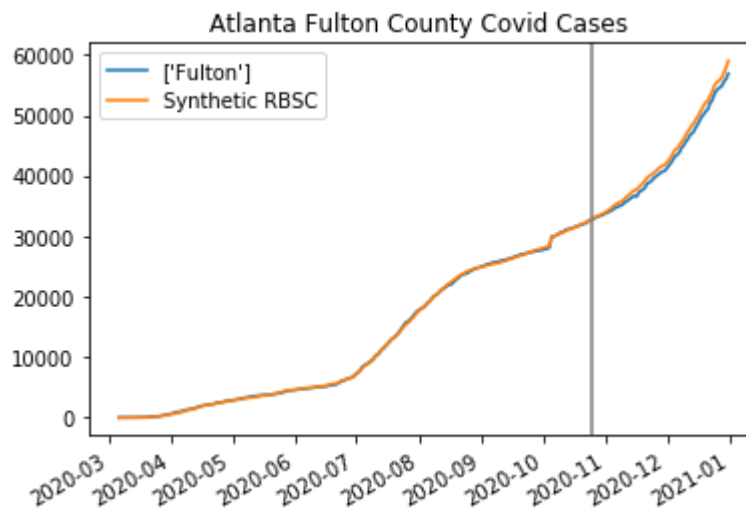


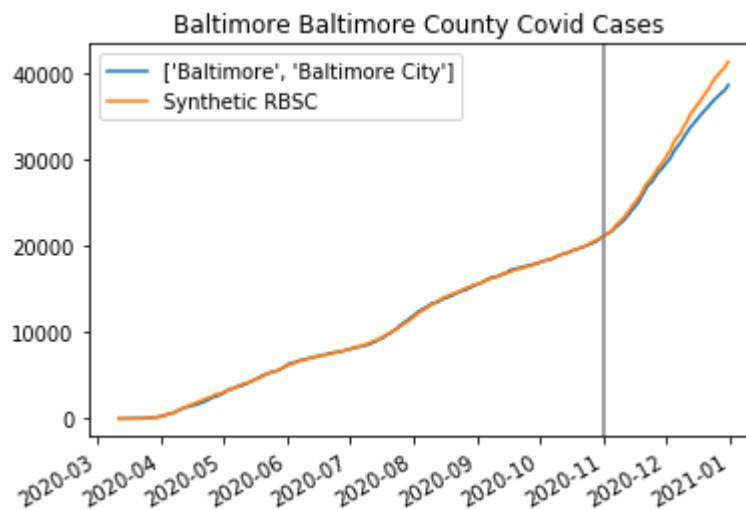
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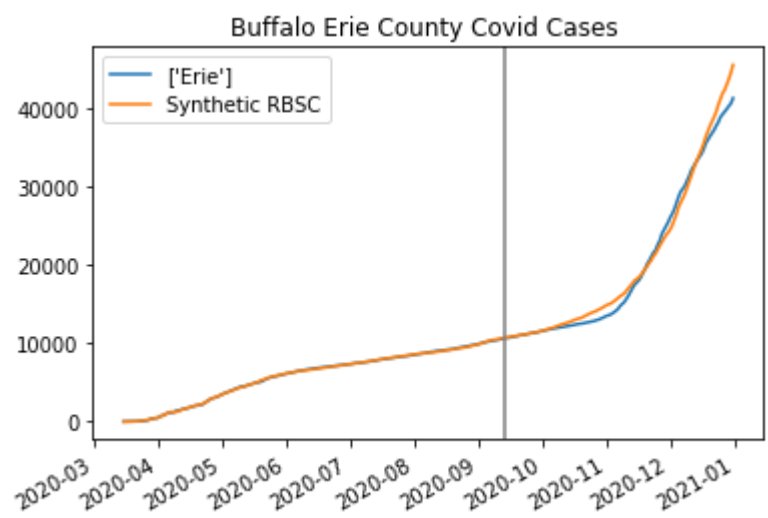
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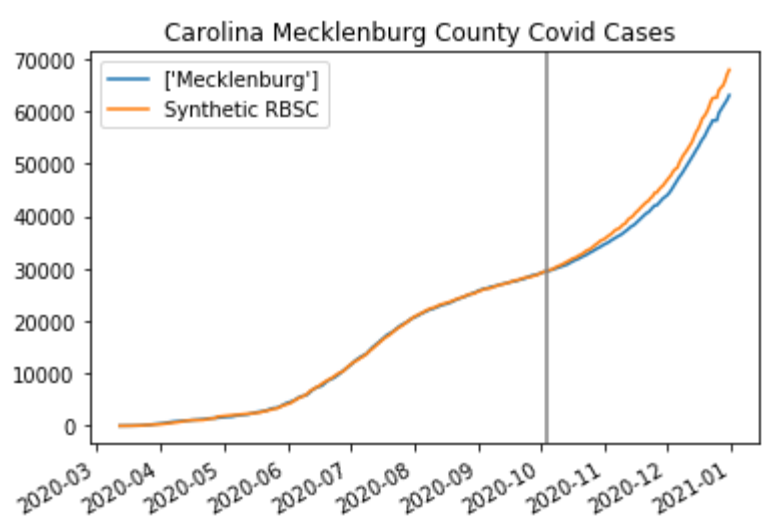
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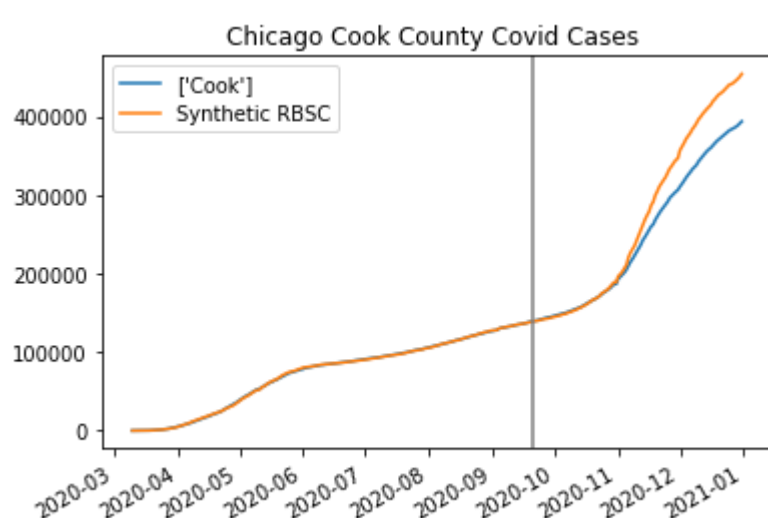
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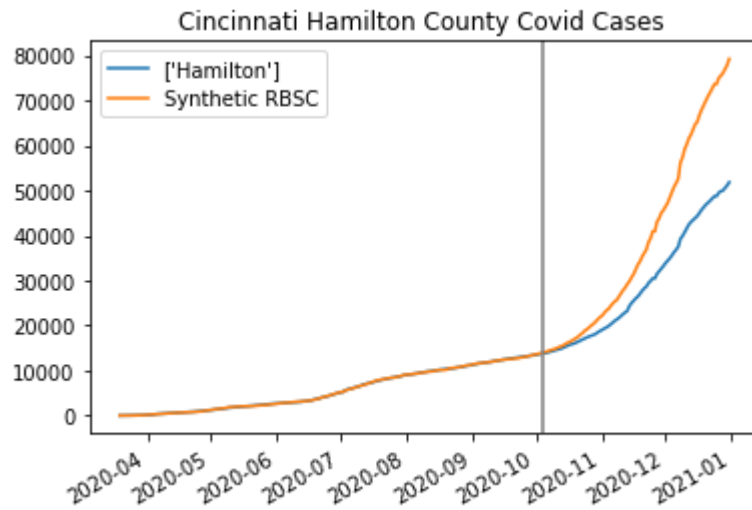
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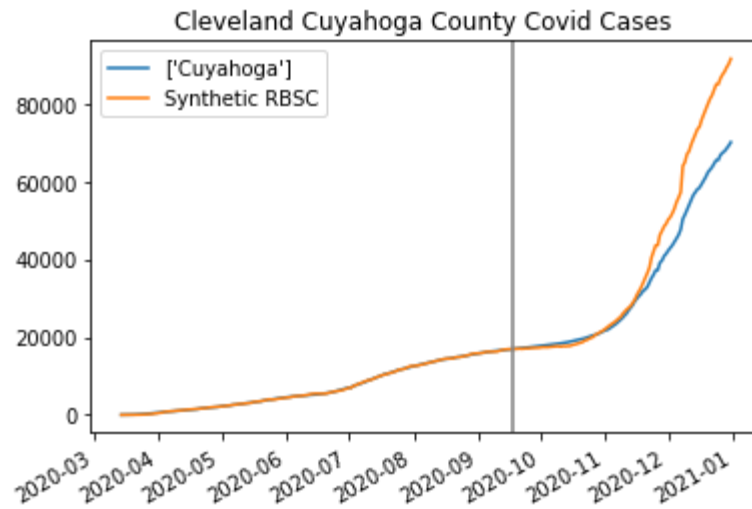
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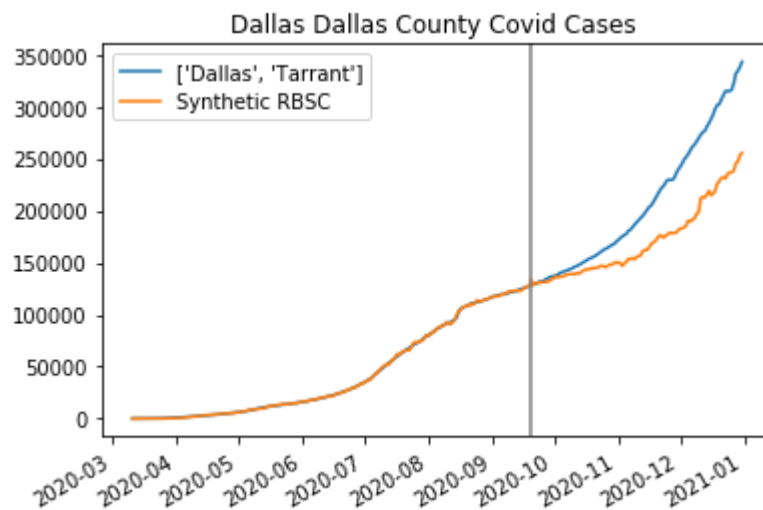
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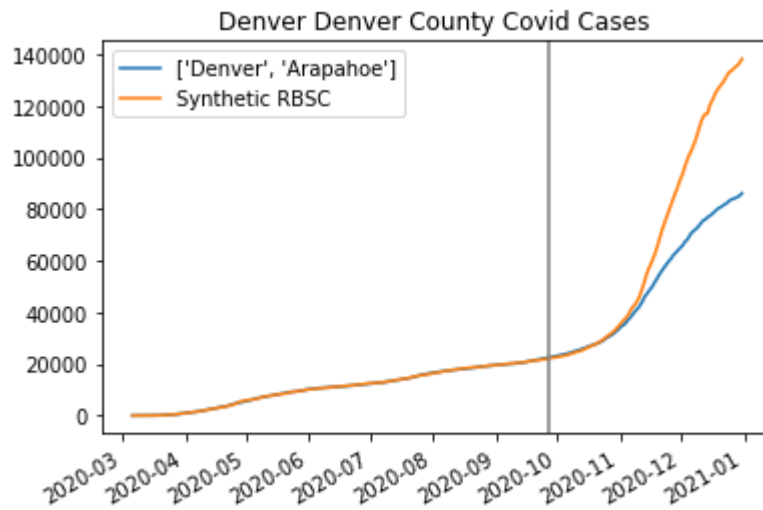
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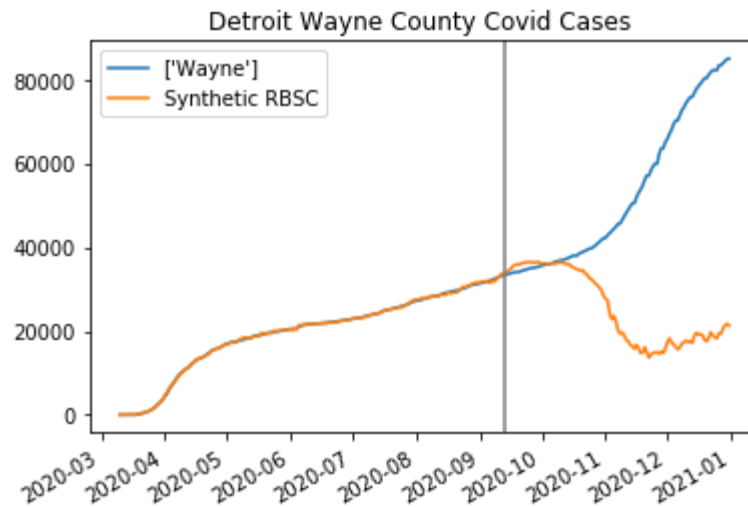
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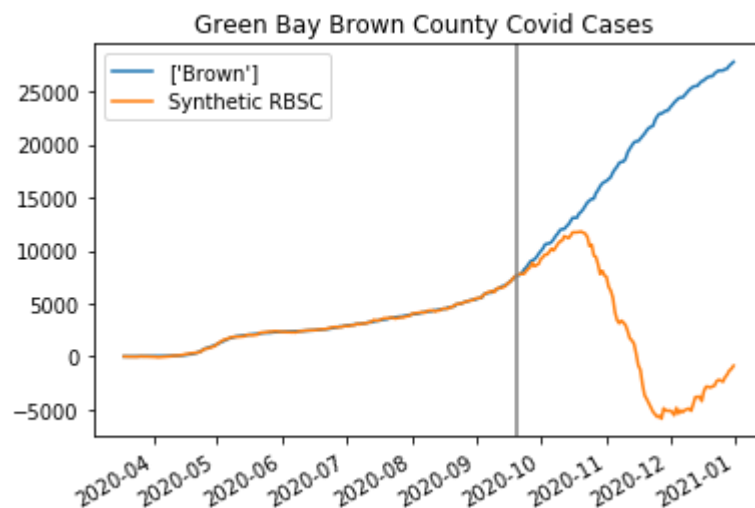
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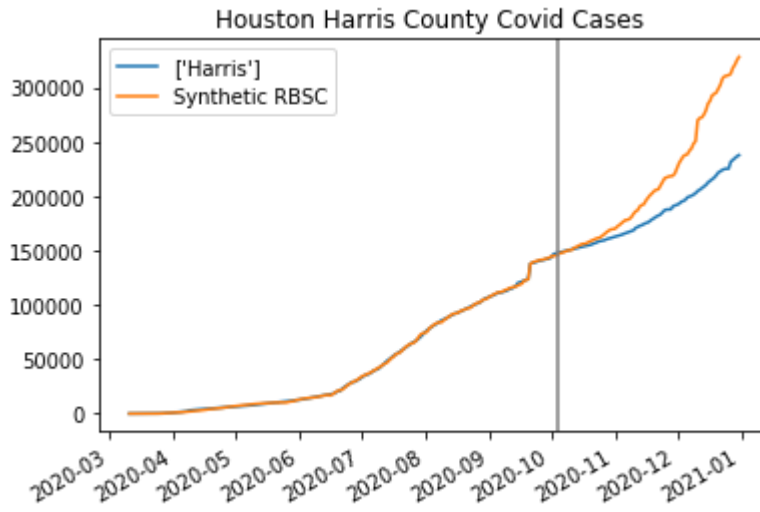
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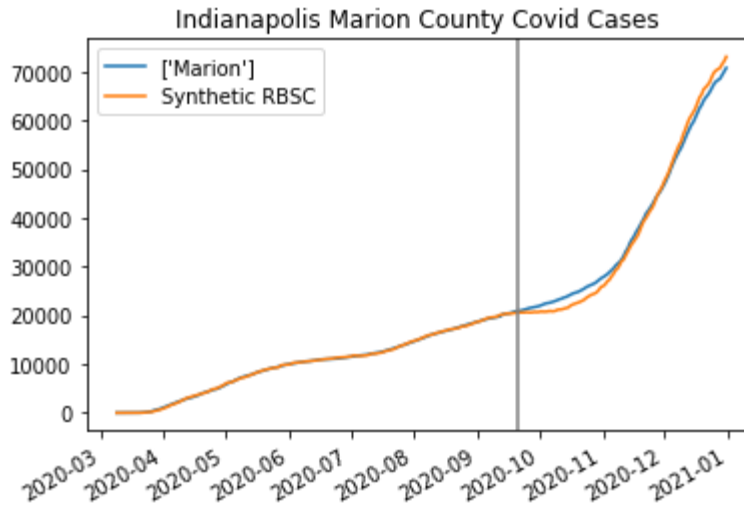
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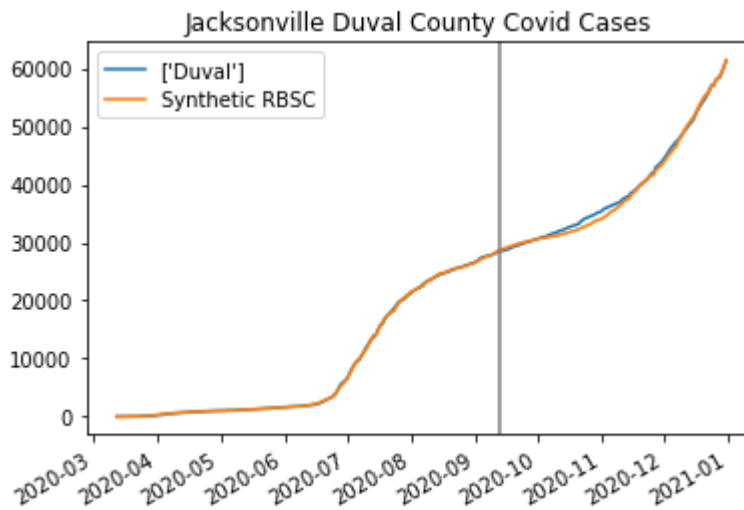
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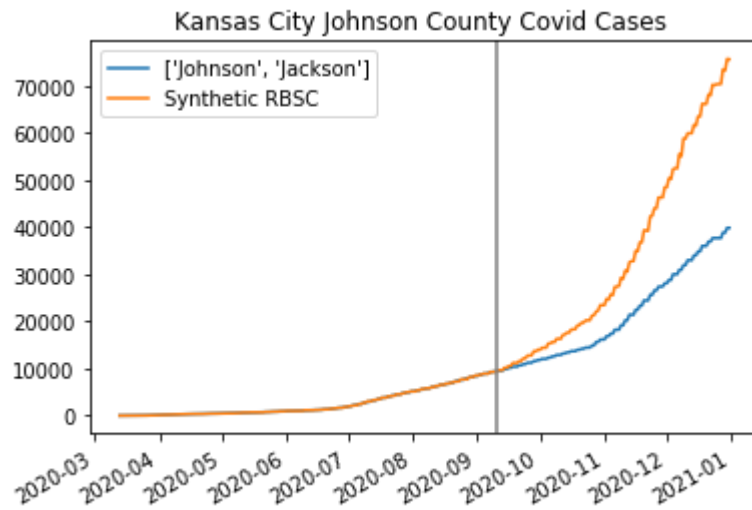
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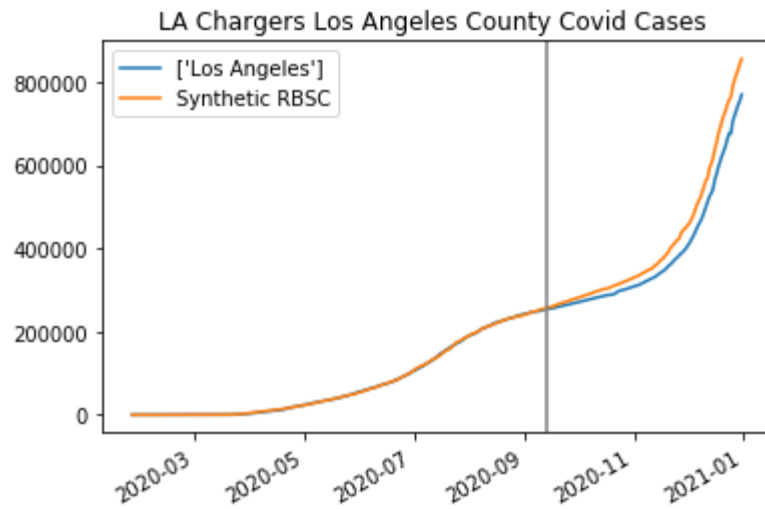
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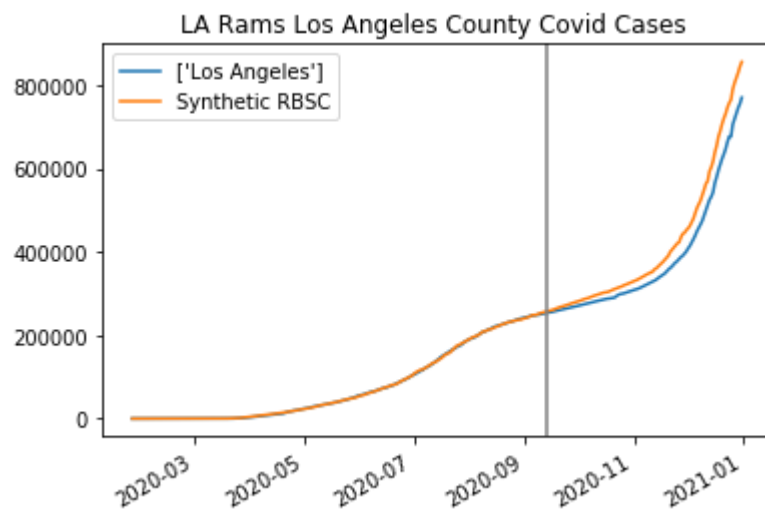
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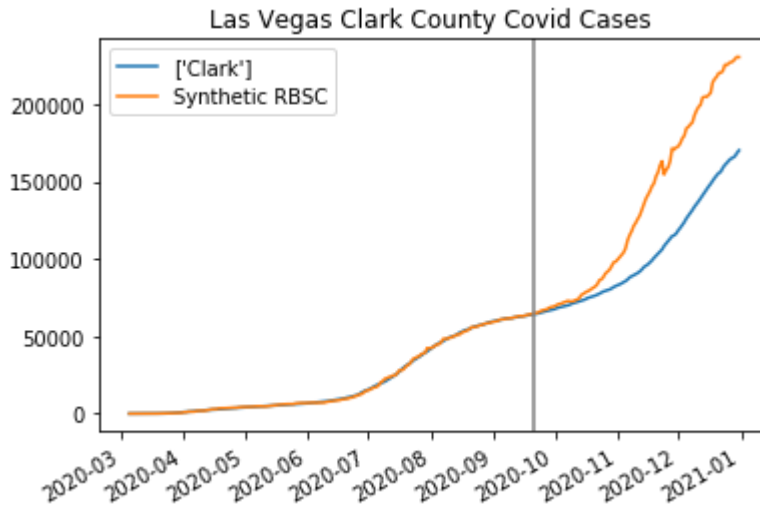
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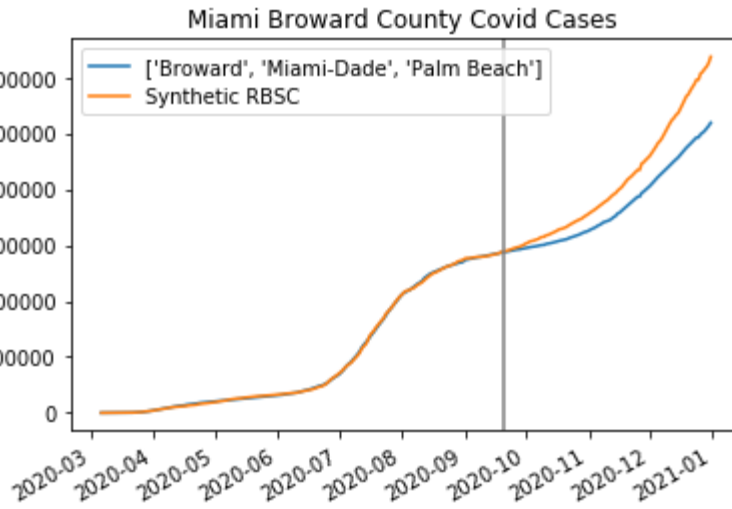
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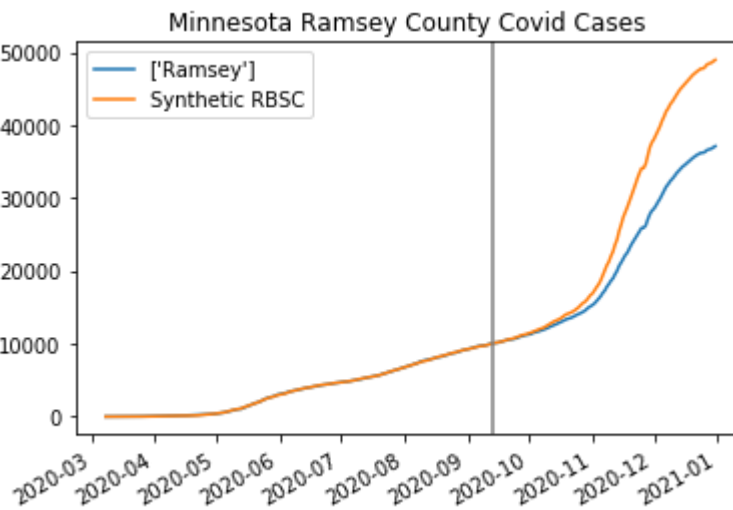
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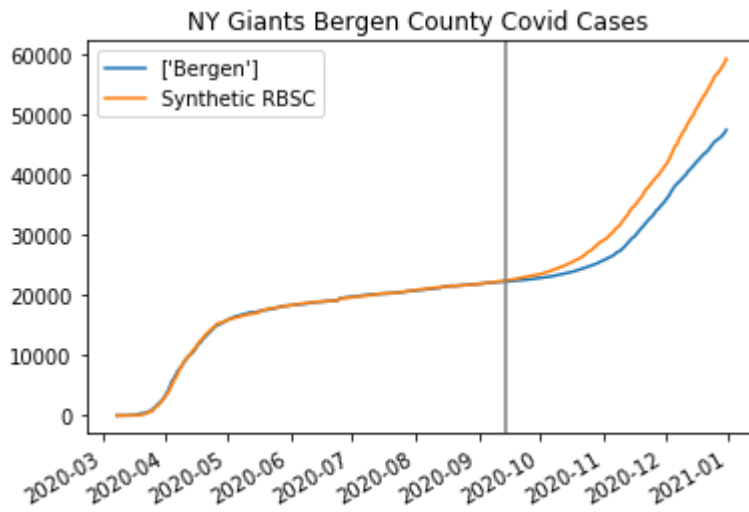
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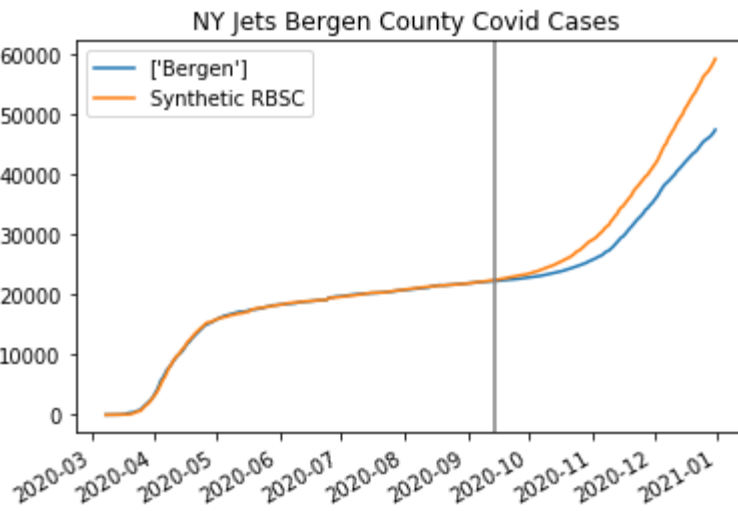
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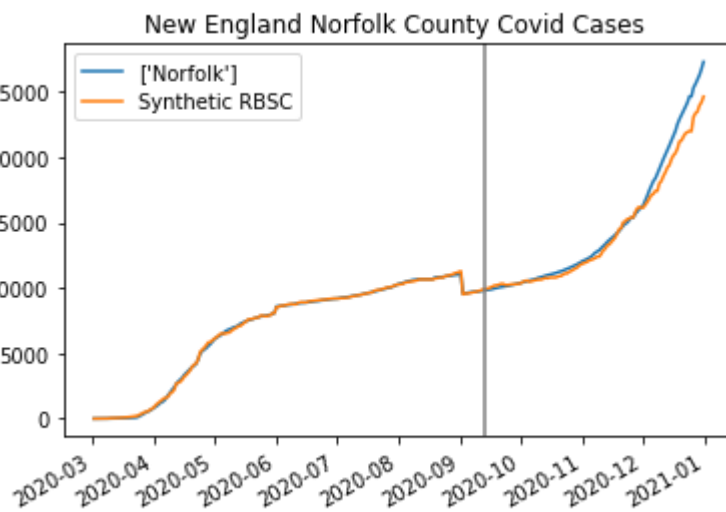
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3

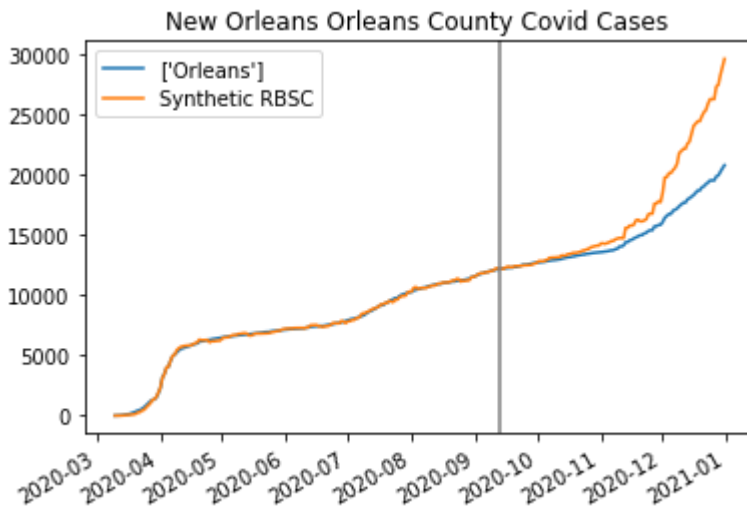


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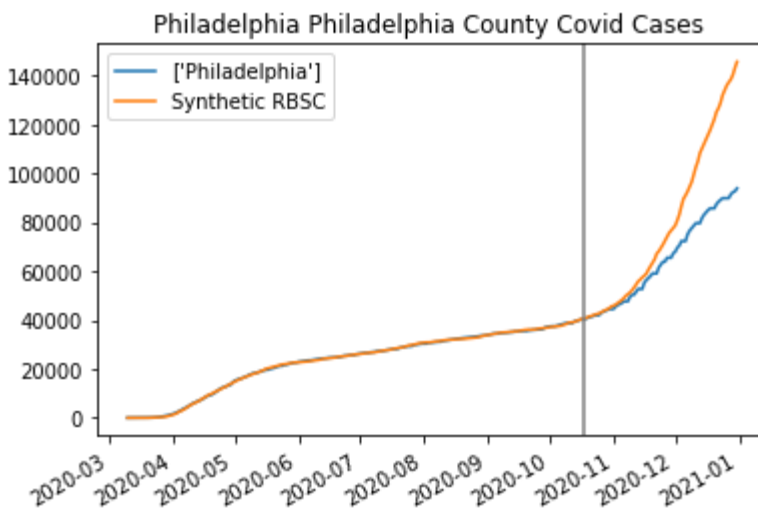


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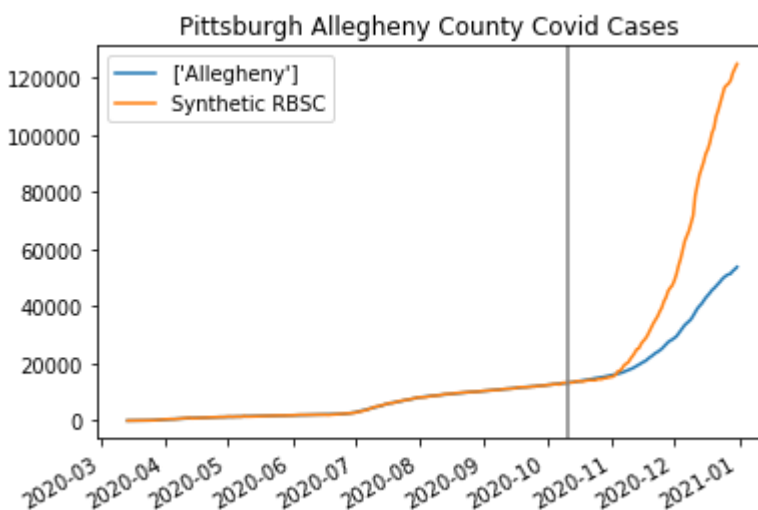




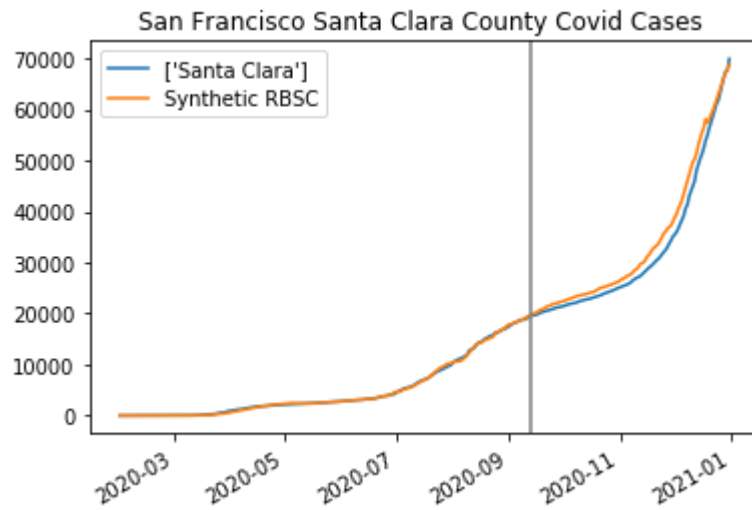
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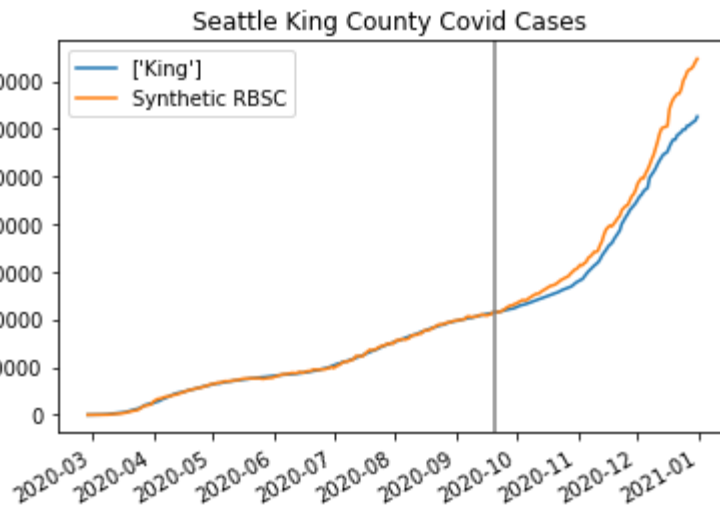
22



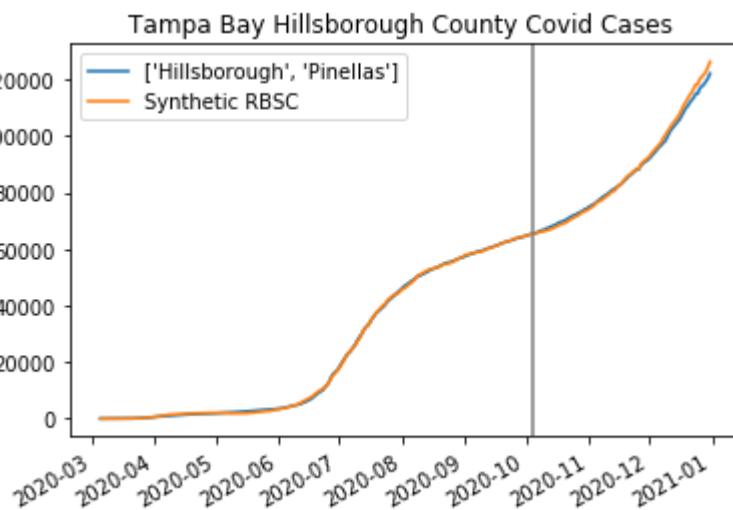
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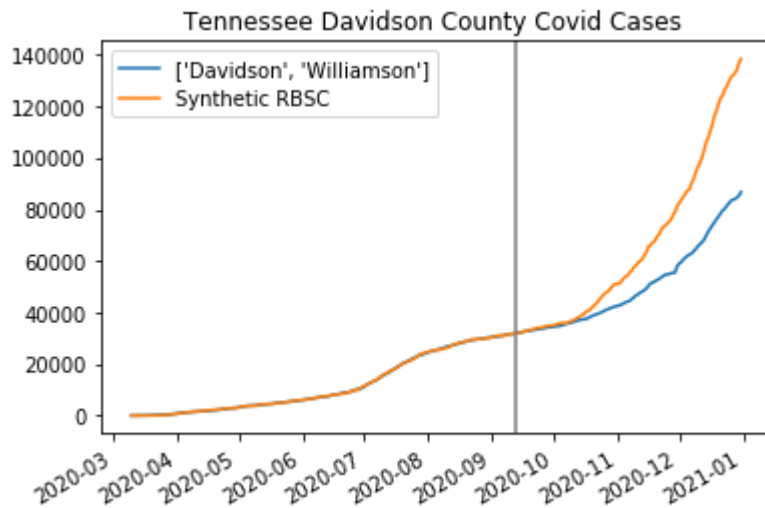
5



8



16



```
In [312]: #Make earlier function to be able to graph weeks 1-6 before the intervention.
no_fans_list = ['Buffalo', 'Chicago', 'Detroit', 'Green Bay', 'Las Vegas', 'LA Chargers', 'LA Rams', 'Minnesota', 'New England', 'New Orleans', 'NY Giants', 'NY Jets', 'San Francisco', 'Seattle', 'Washington']

def create_synthetic_lines(team_name_str, stadium_county_str, state_str, intervention_date):
    intervention_date = [x for x in intervention_date if x != ""]

    for s in intervention_date:
        if any(c.isdigit() for c in s):
            intervention_date = s

    intervention_date = pd.to_datetime(intervention_date)
    intervention_array = [intervention_date - datetime.timedelta(weeks=i) for i in range(0, 7)]
    print(team_name_str)
    count = 0
    for intervention in intervention_array:

        intervention = intervention.strftime('%m/%d/%Y')
        l = []
        l.append(intervention)
        l.append("")

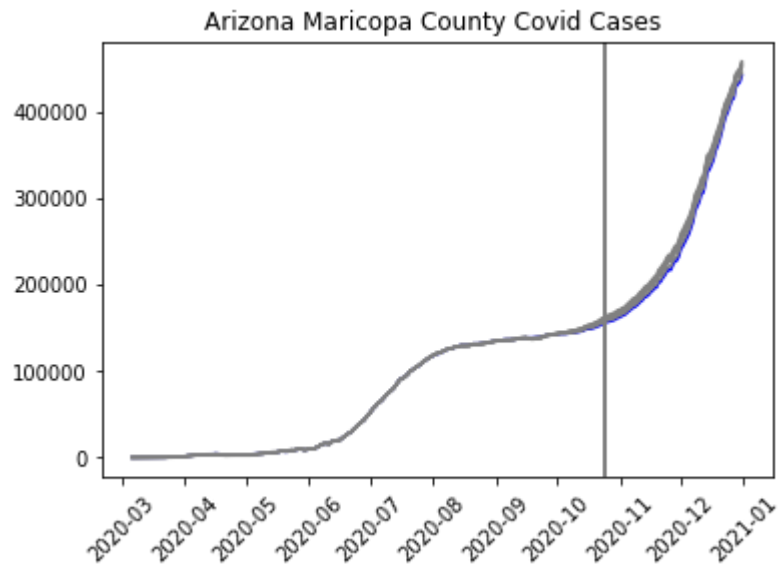
        create_synthetic_graph(team_name_str, stadium_county_str, state_str, l, False, count)

        count += 1
    plt.show()

    return
```

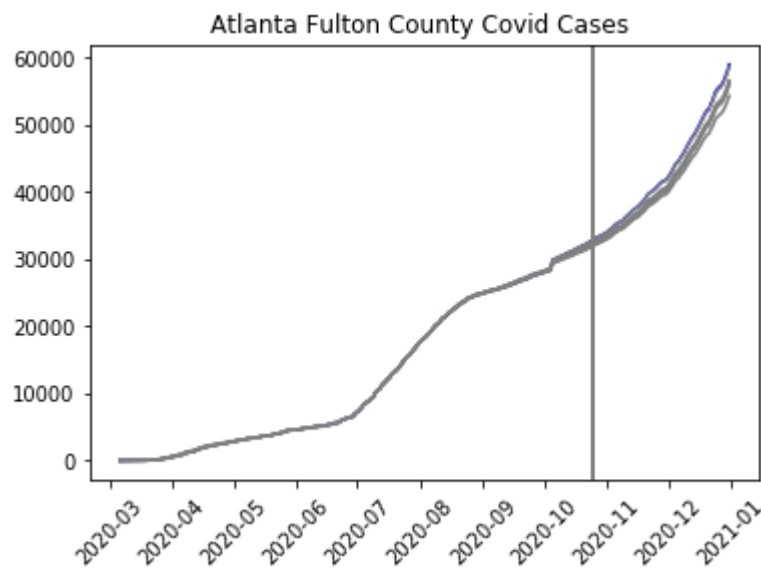
Arizona

7  
7  
6  
6  
6  
6  
6



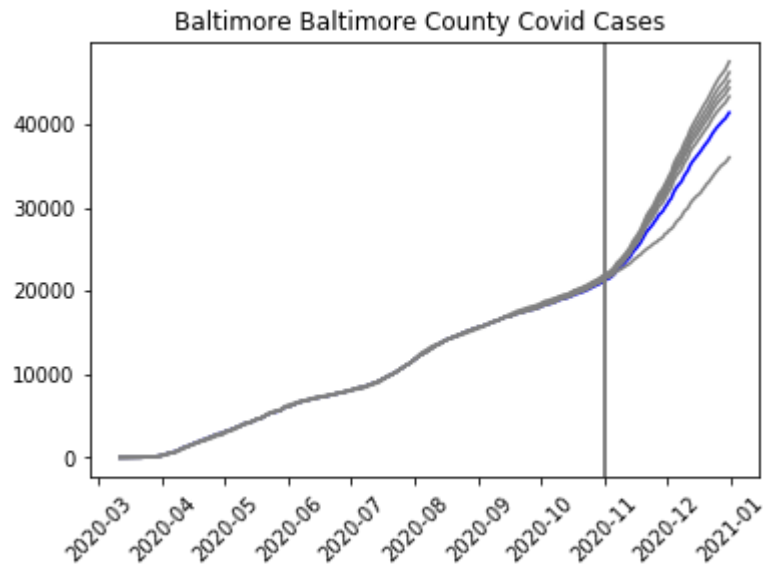
Atlanta

5  
5  
5  
4  
4  
4  
4



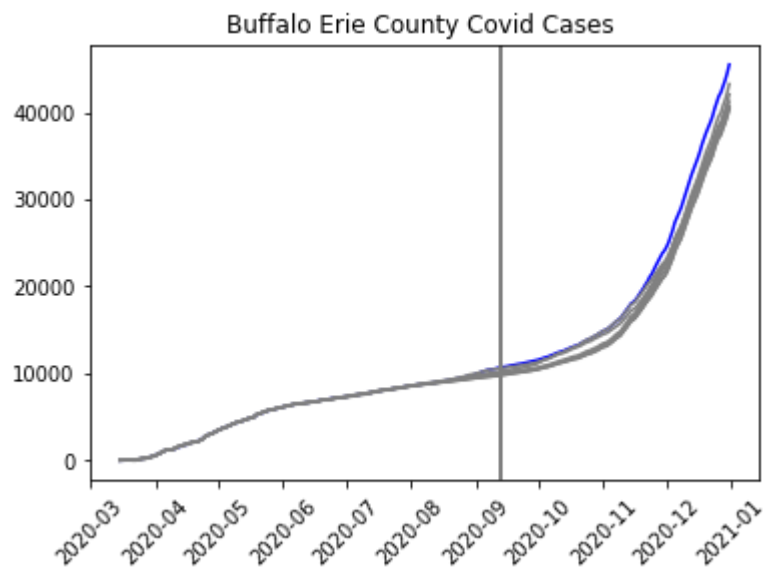
Baltimore

4  
4  
4  
4  
4  
4  
6



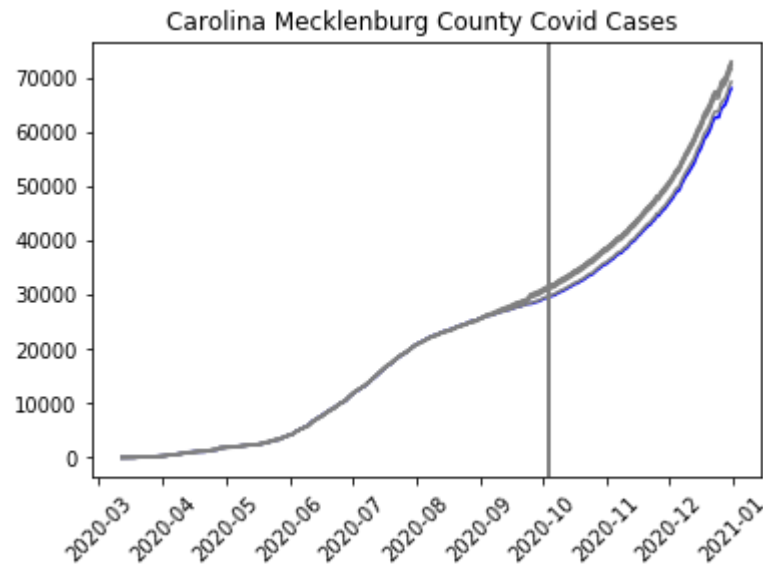
Buffalo

10  
10  
9  
8  
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8  
7



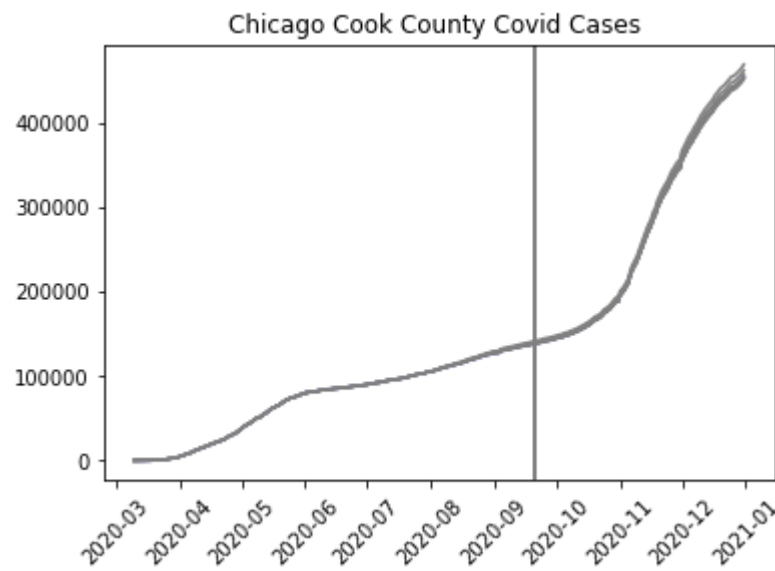
Carolina

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6  
5  
5  
4  
5  
5



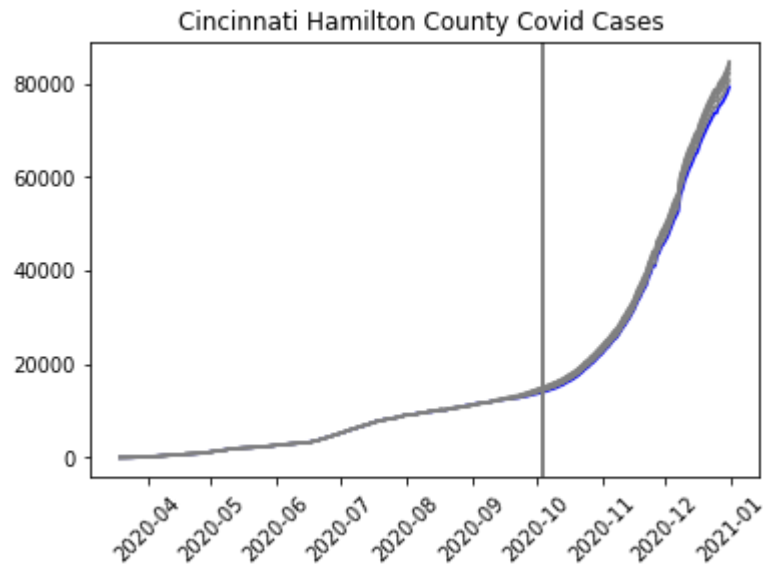
Chicago

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3  
3  
3  
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3



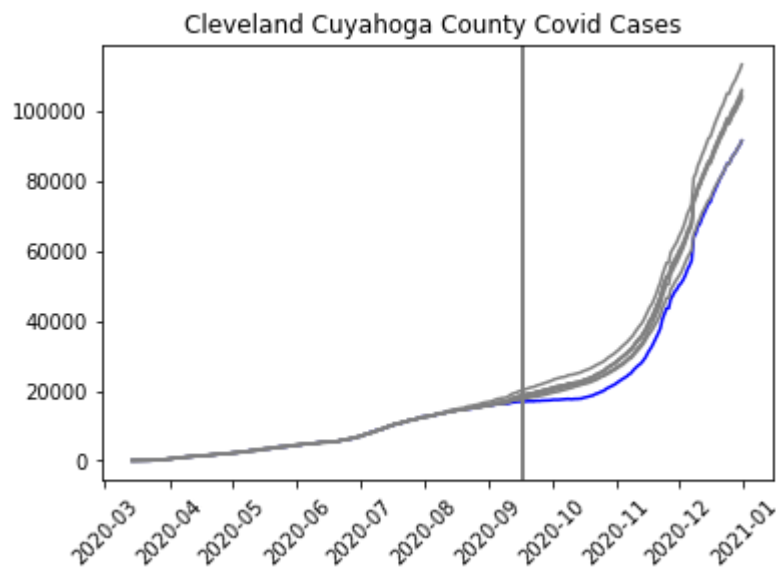
Cincinnati

12  
12  
12  
11  
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10

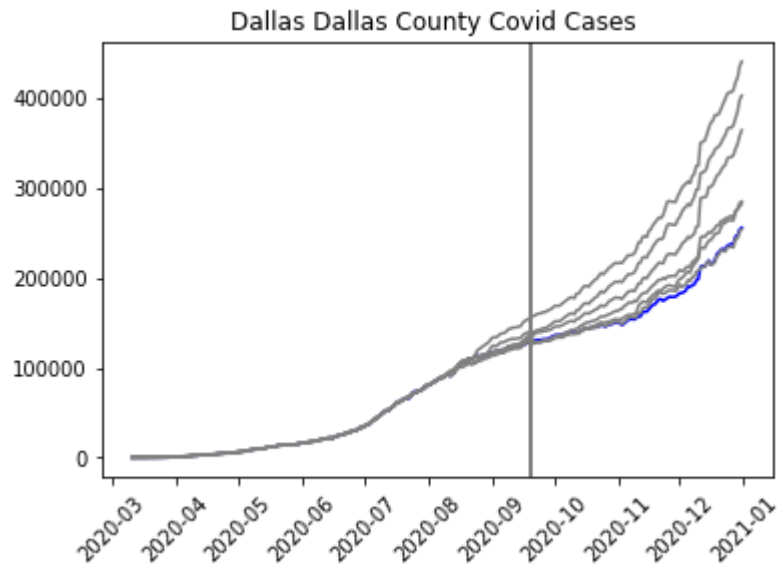


Cleveland

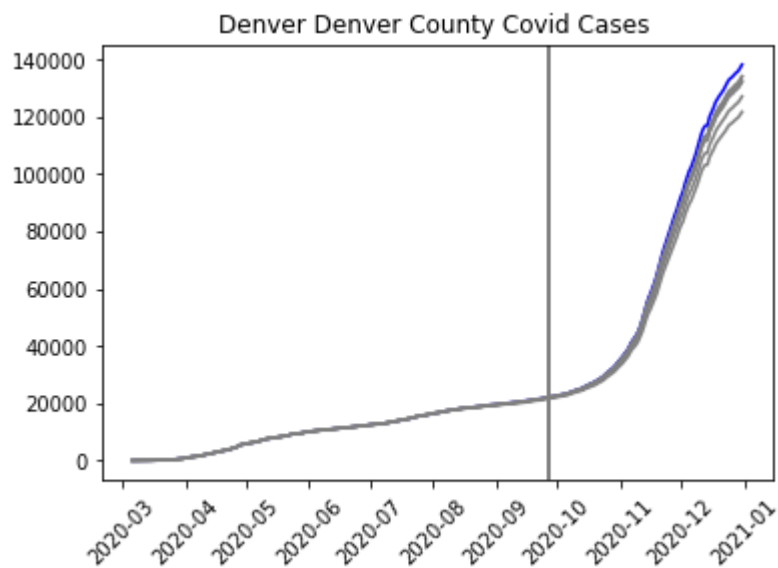
15  
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Dallas  
37  
36  
38  
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26  
26

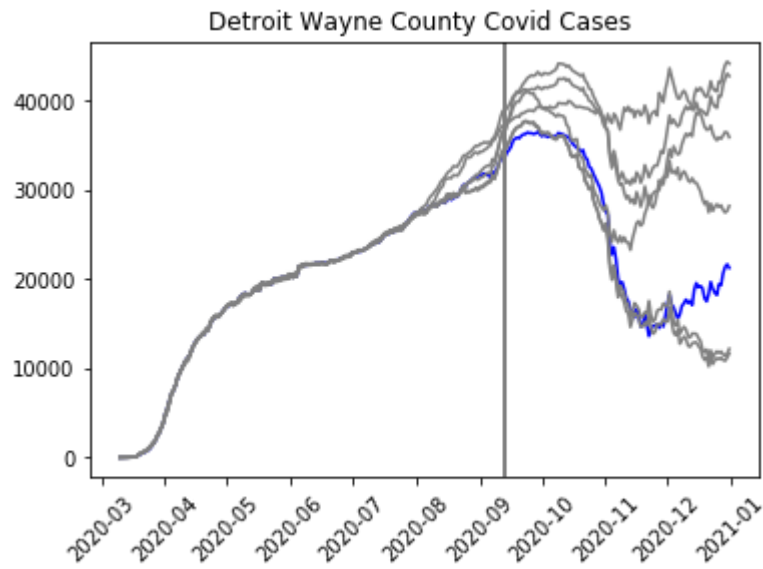


Denver  
6  
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7

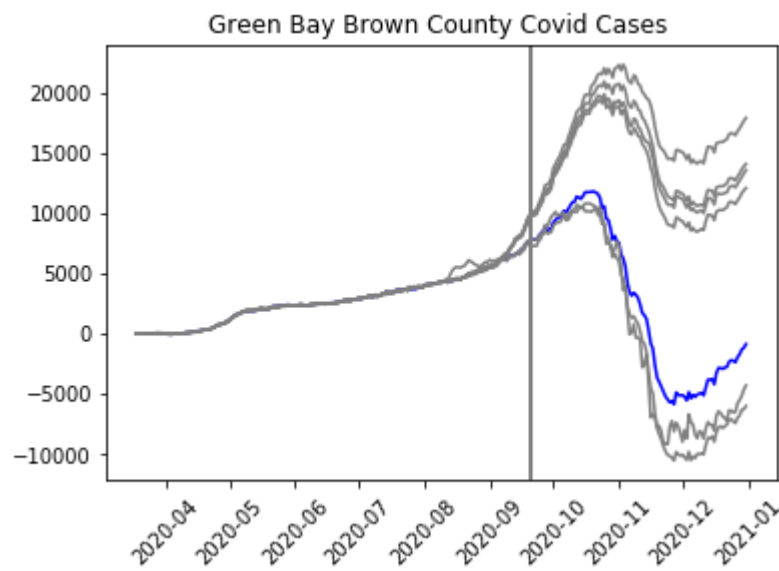




Detroit  
14  
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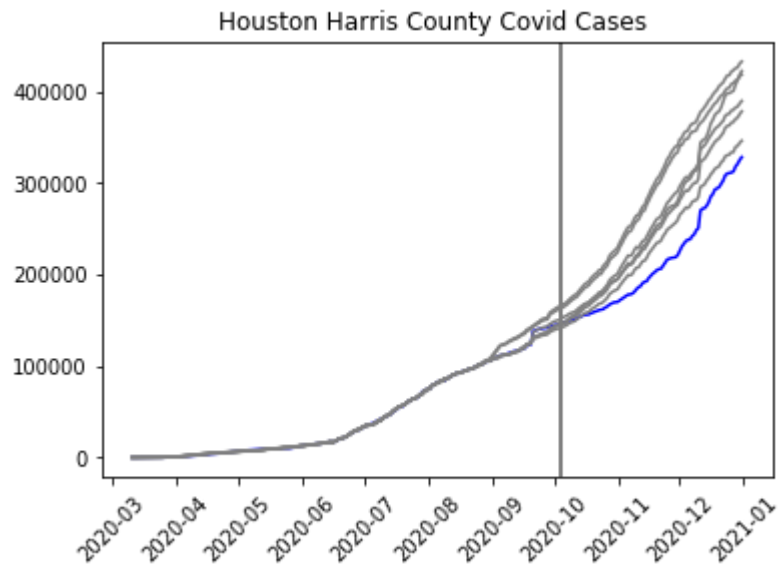


Green Bay  
14  
15  
15  
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12  
19



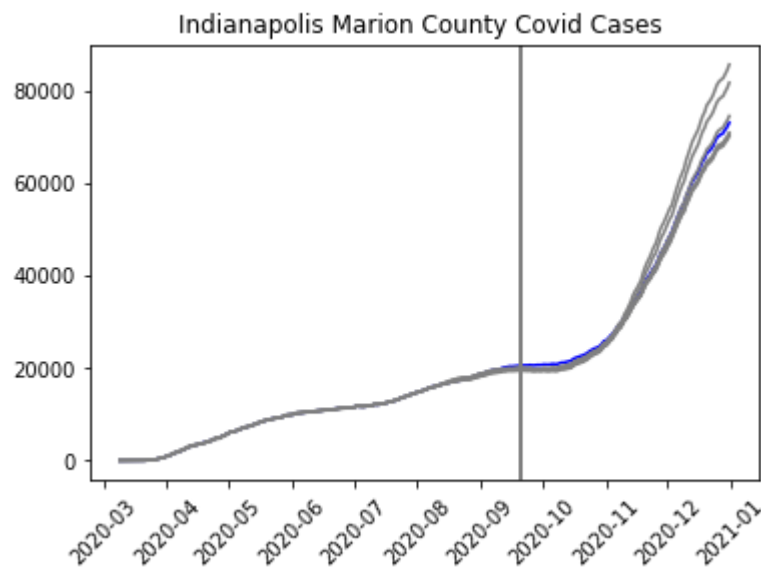
Houston

13  
12  
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13



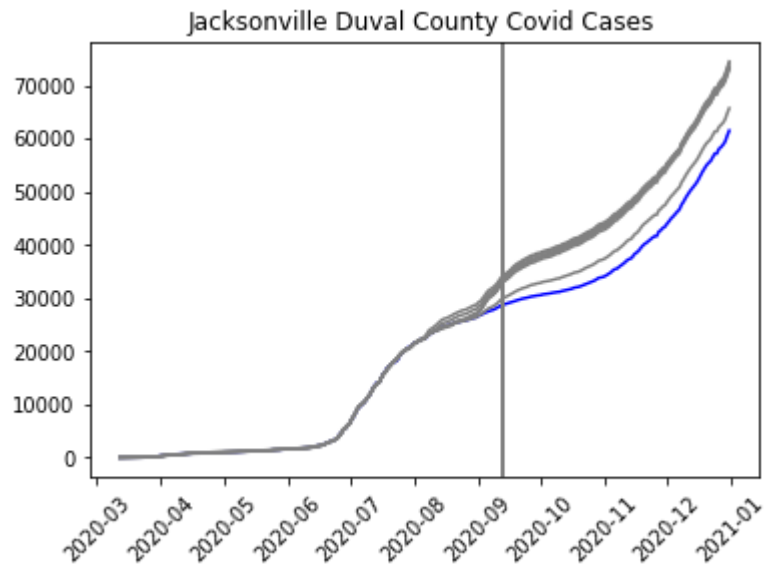
Indianapolis

9  
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9  
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8



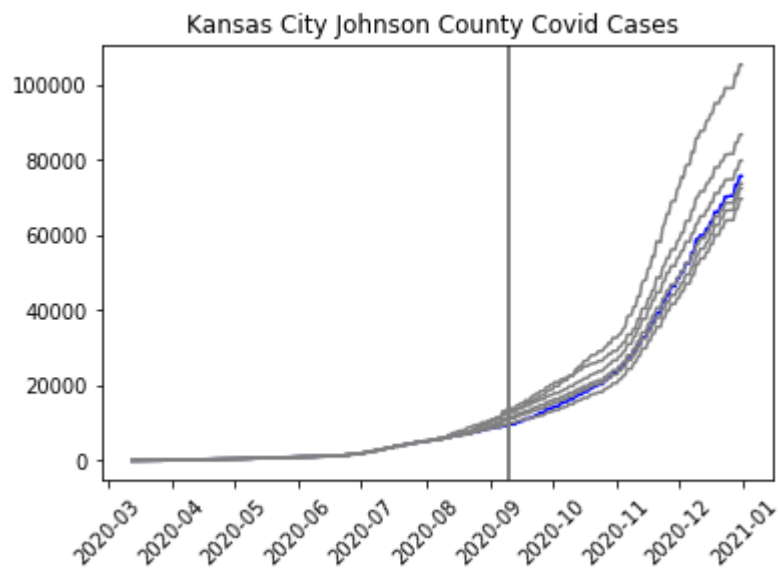
### Jacksonville

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9  
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8  
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8



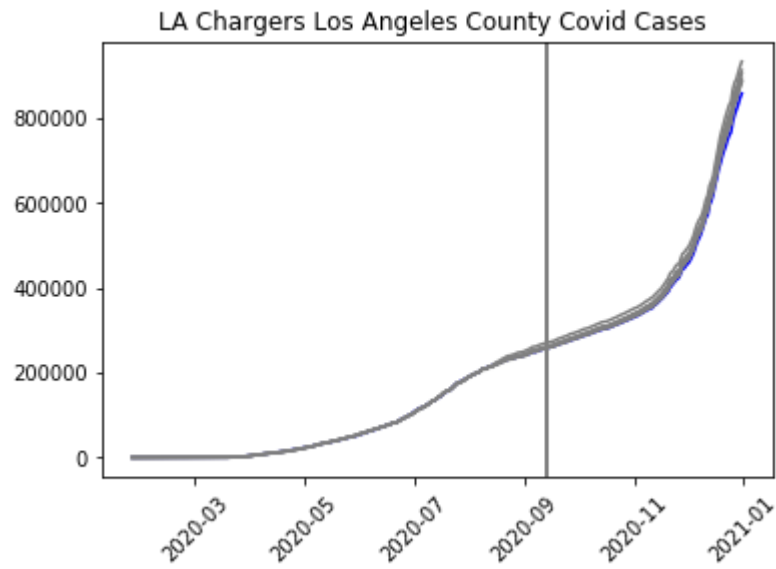
### Kansas City

24  
16  
15  
13  
23  
31  
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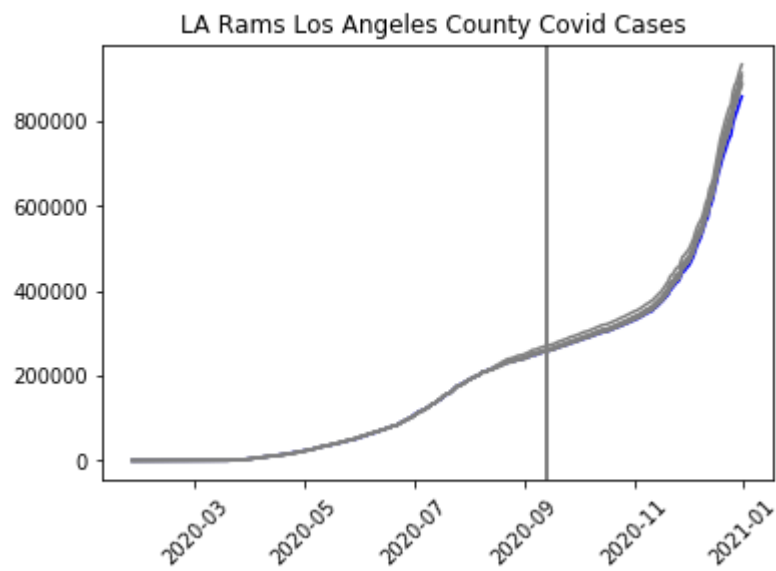
### LA Chargers

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6  
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5



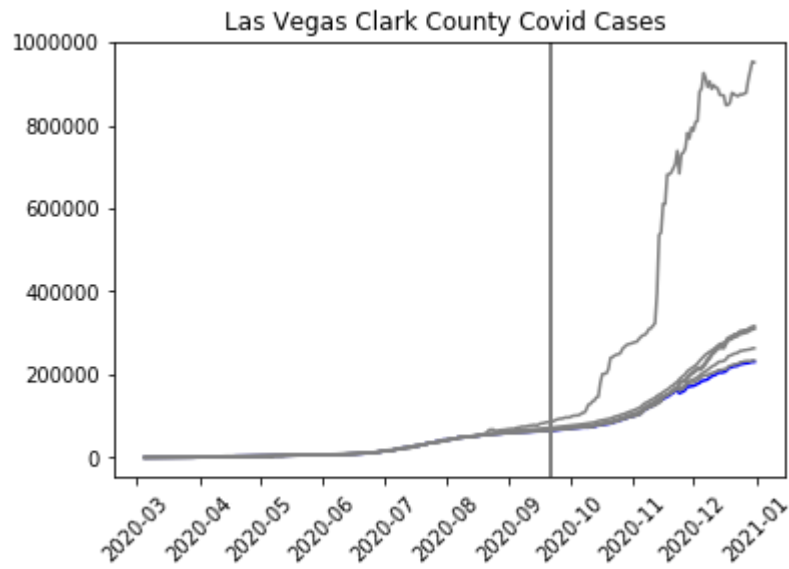
### LA Rams

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5



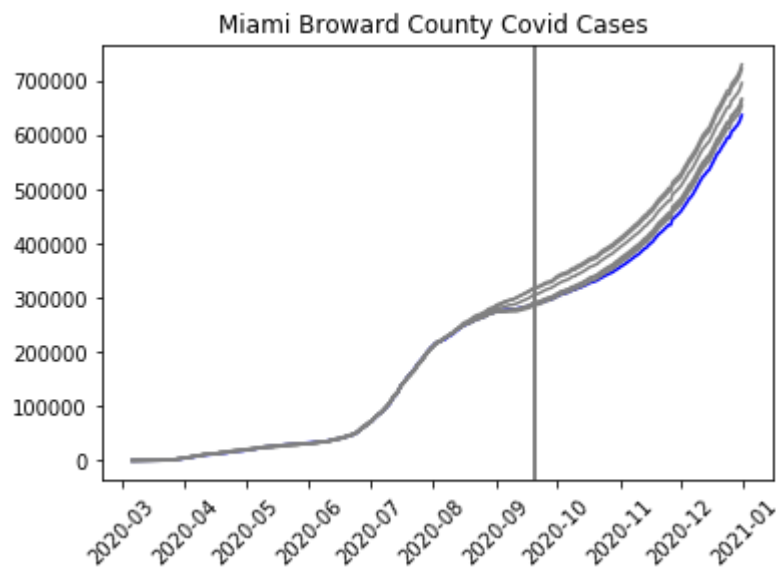
Las Vegas

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12



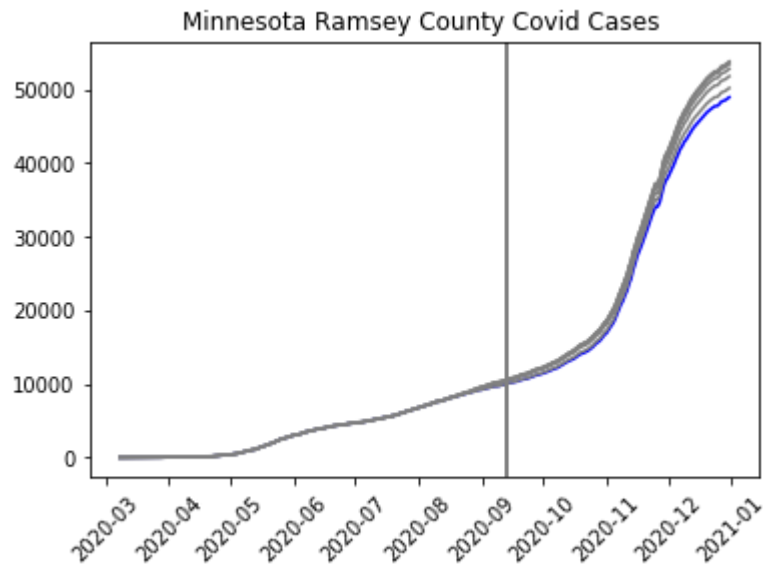
Miami

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10  
9



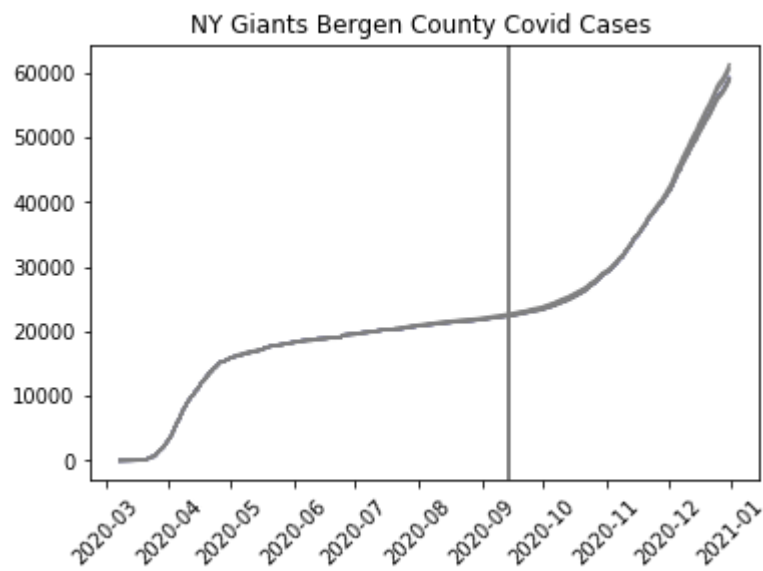
Minnesota

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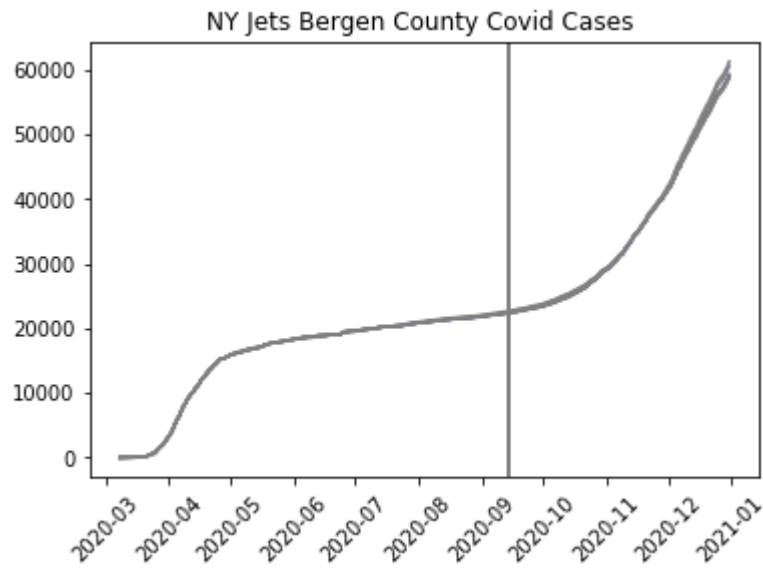
NY Giants

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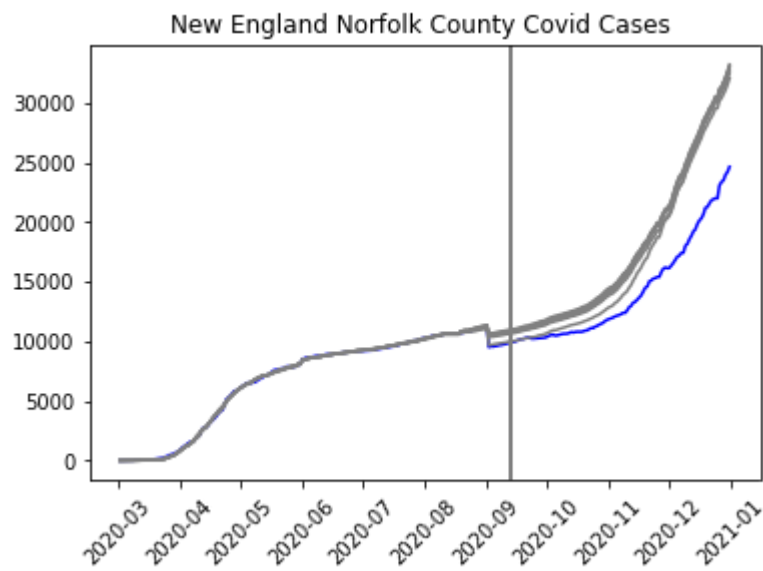
NY Jets

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3  
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4



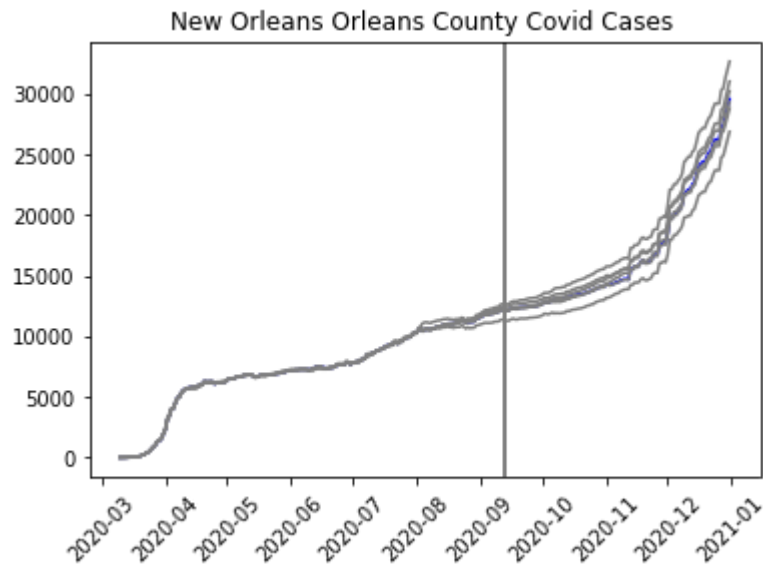
New England

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3  
3



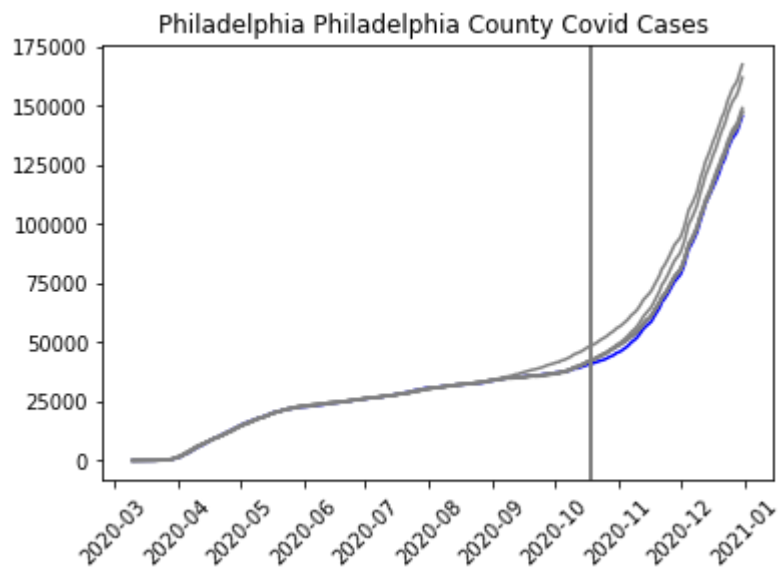
New Orleans

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9



Philadelphia

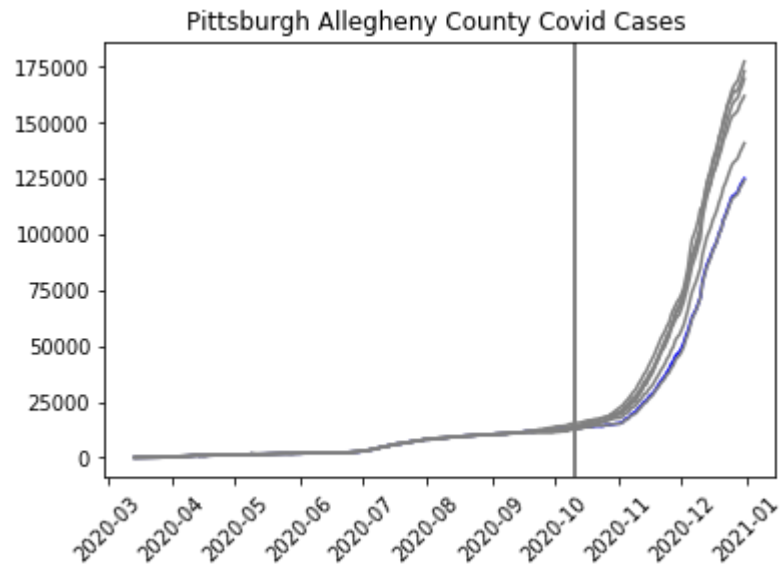
8  
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6





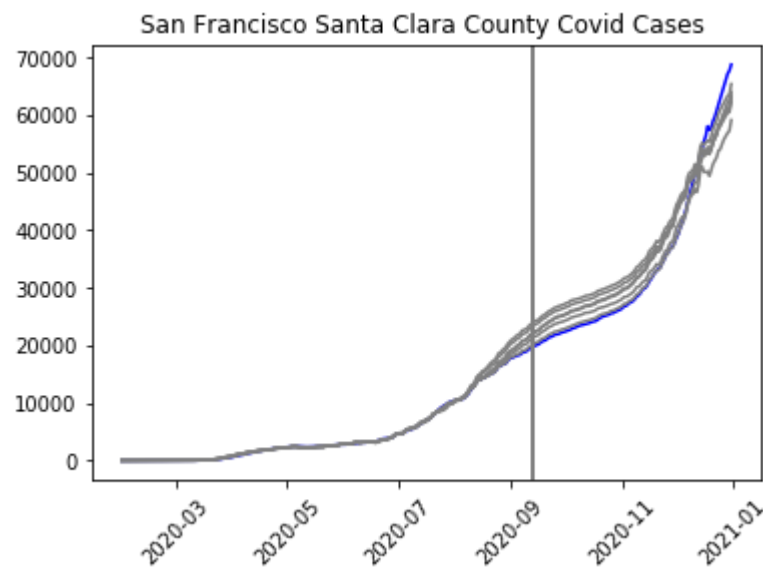
Pittsburgh

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San Francisco

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Seattle

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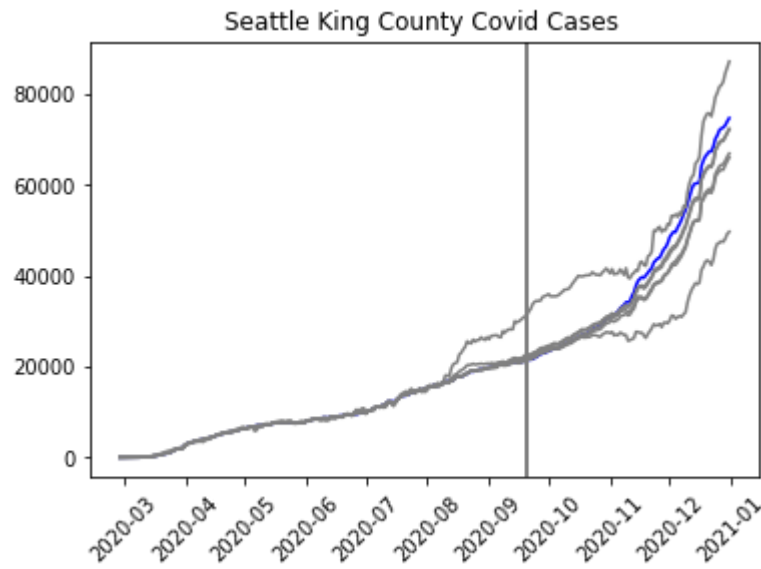
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22



Tampa Bay

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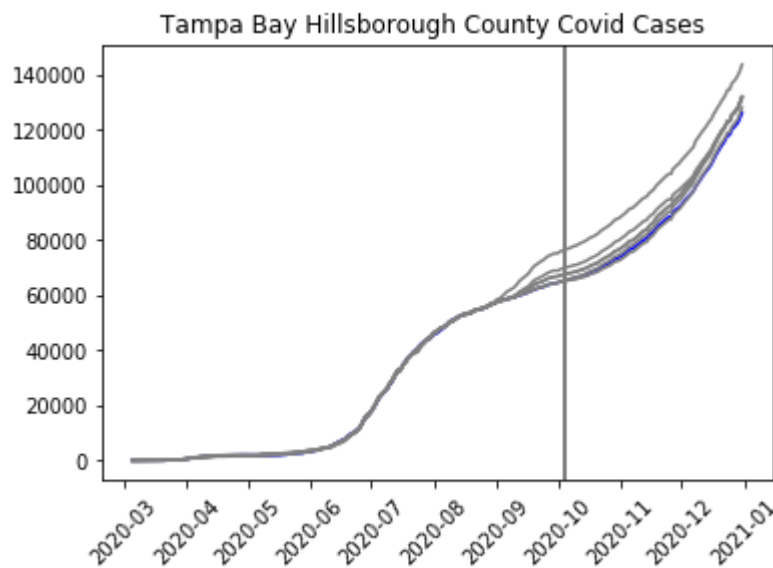
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11

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Tennessee

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13

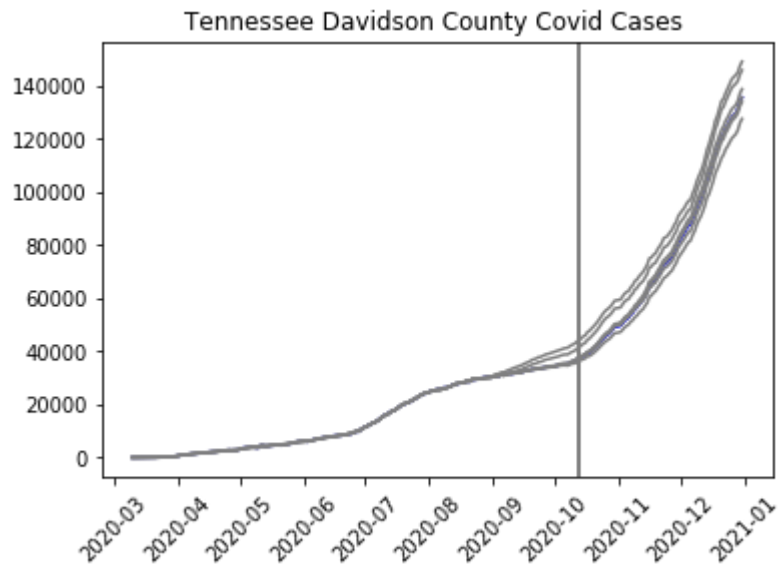
14

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16

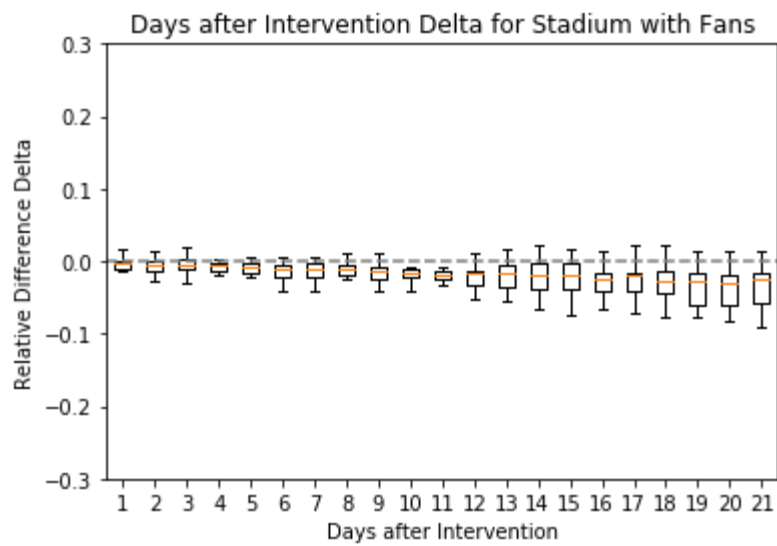
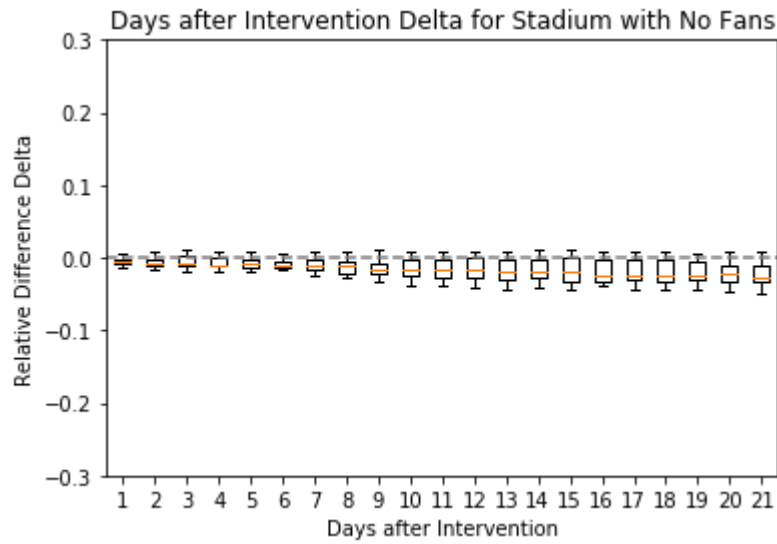
16

15



```
In [ ]: #create_synthetic_lines("Kansas City",["Johnson", "Jackson"], ["K  
S", "M0"], ["09/10/2020"])
```

(14, 21)



In [ ]:

In [ ]: