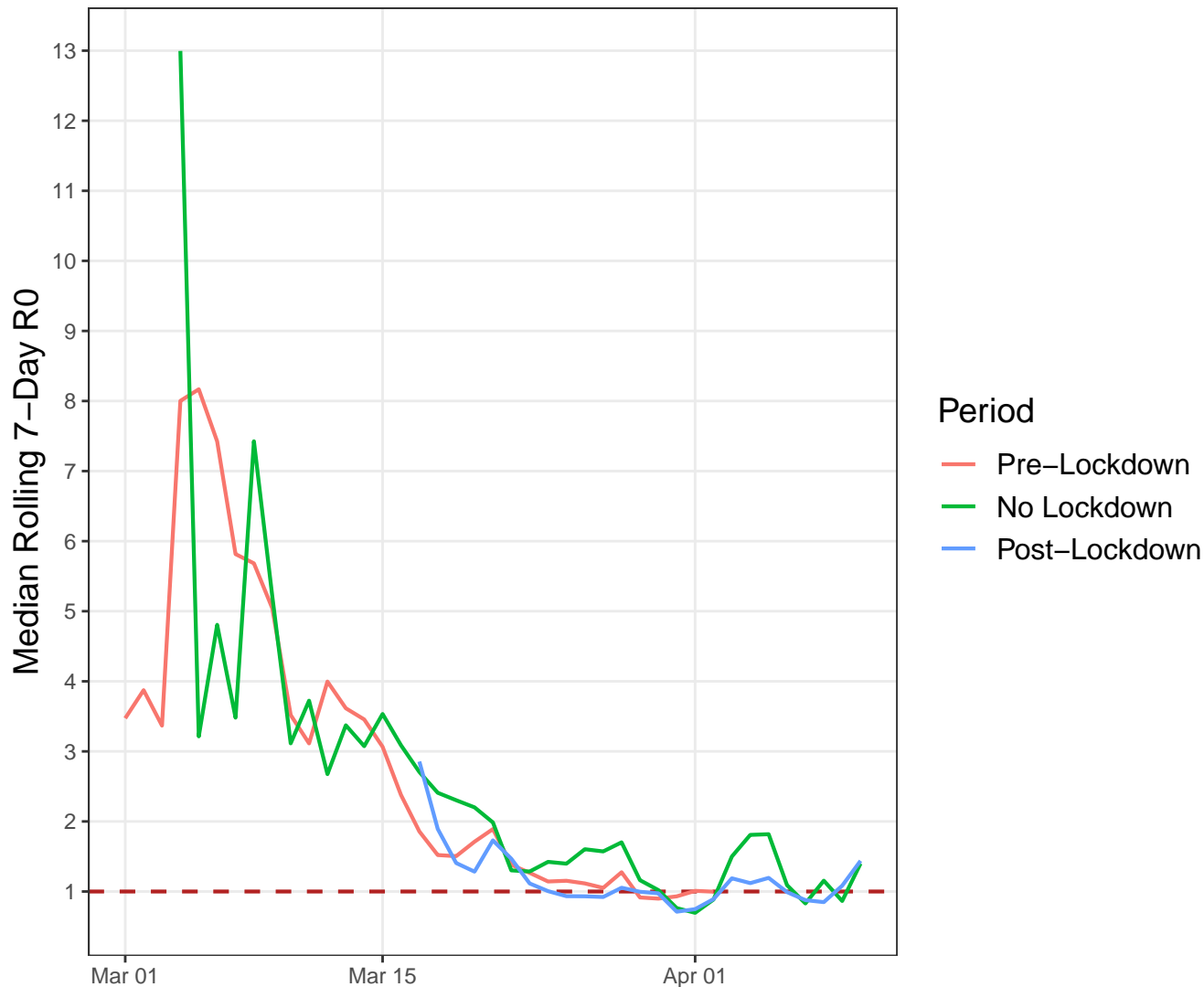
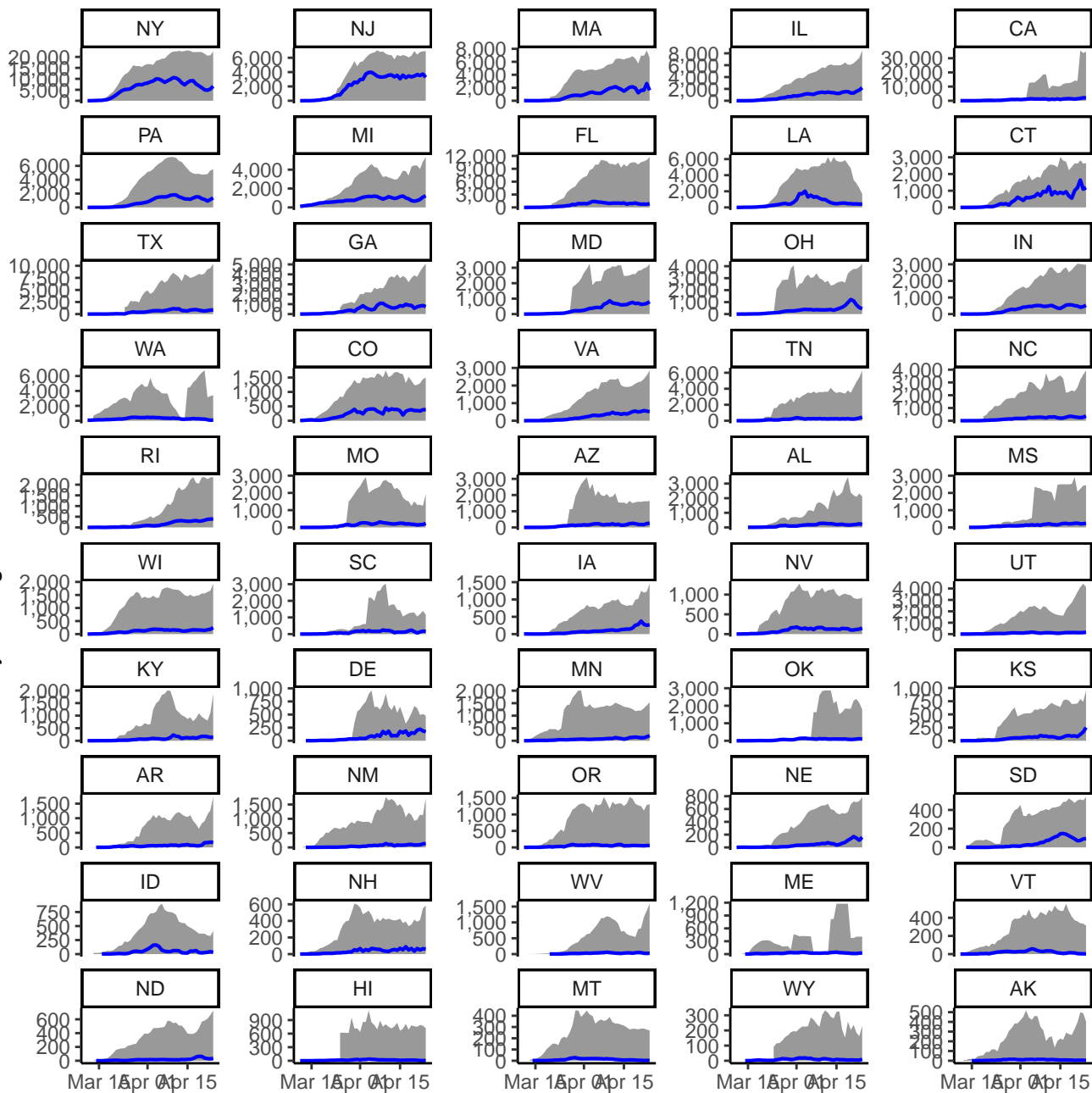


COVID-19 Rolling 7-Day Reproduction Number (R0) by Lockdown

U.S. states, through April 24. Data is lagged by one week for case delay and one week to observe for R0 computation. $R_0 < 1$ means the rate of new cases is decreasing.

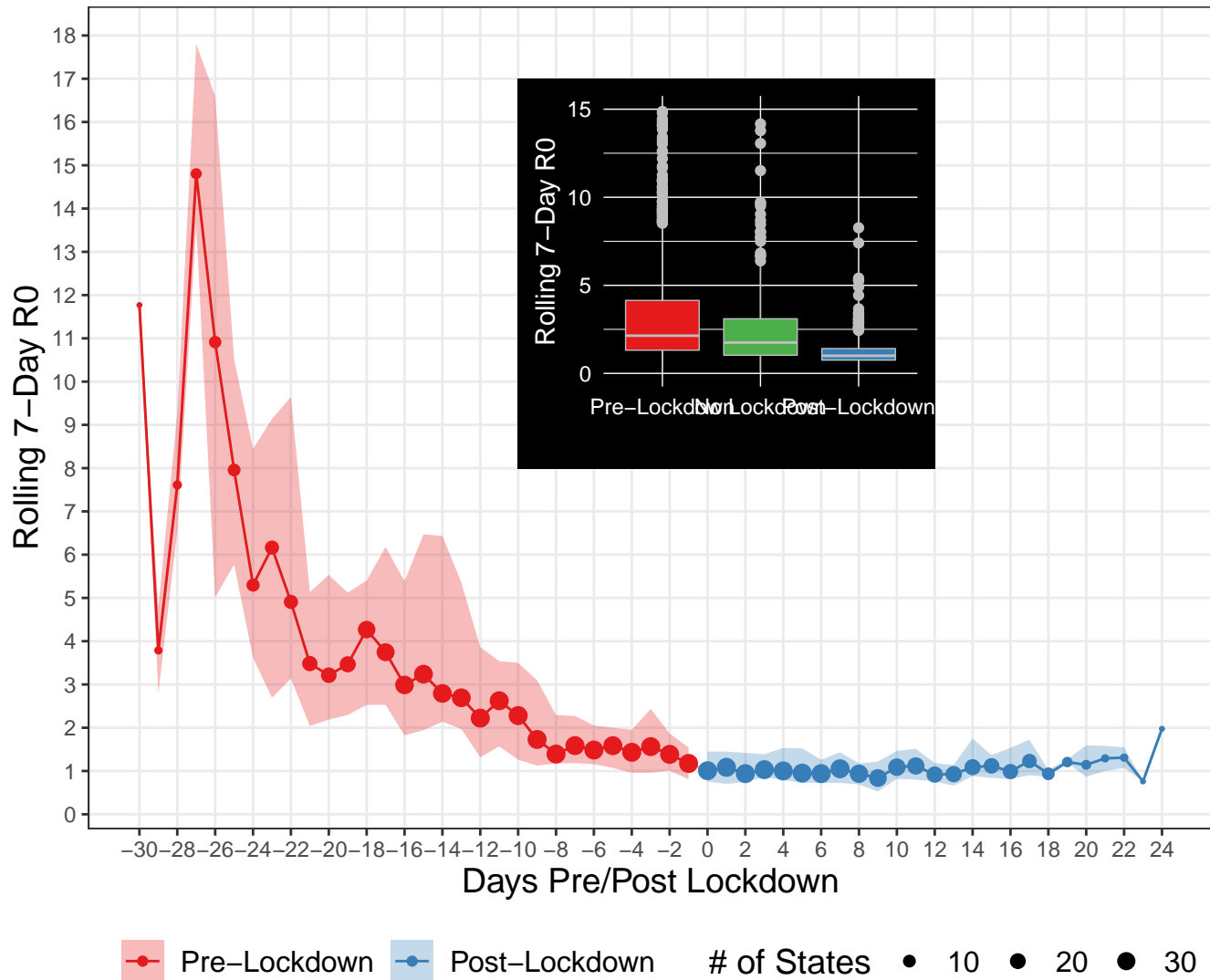


3 Day Average of New Cases



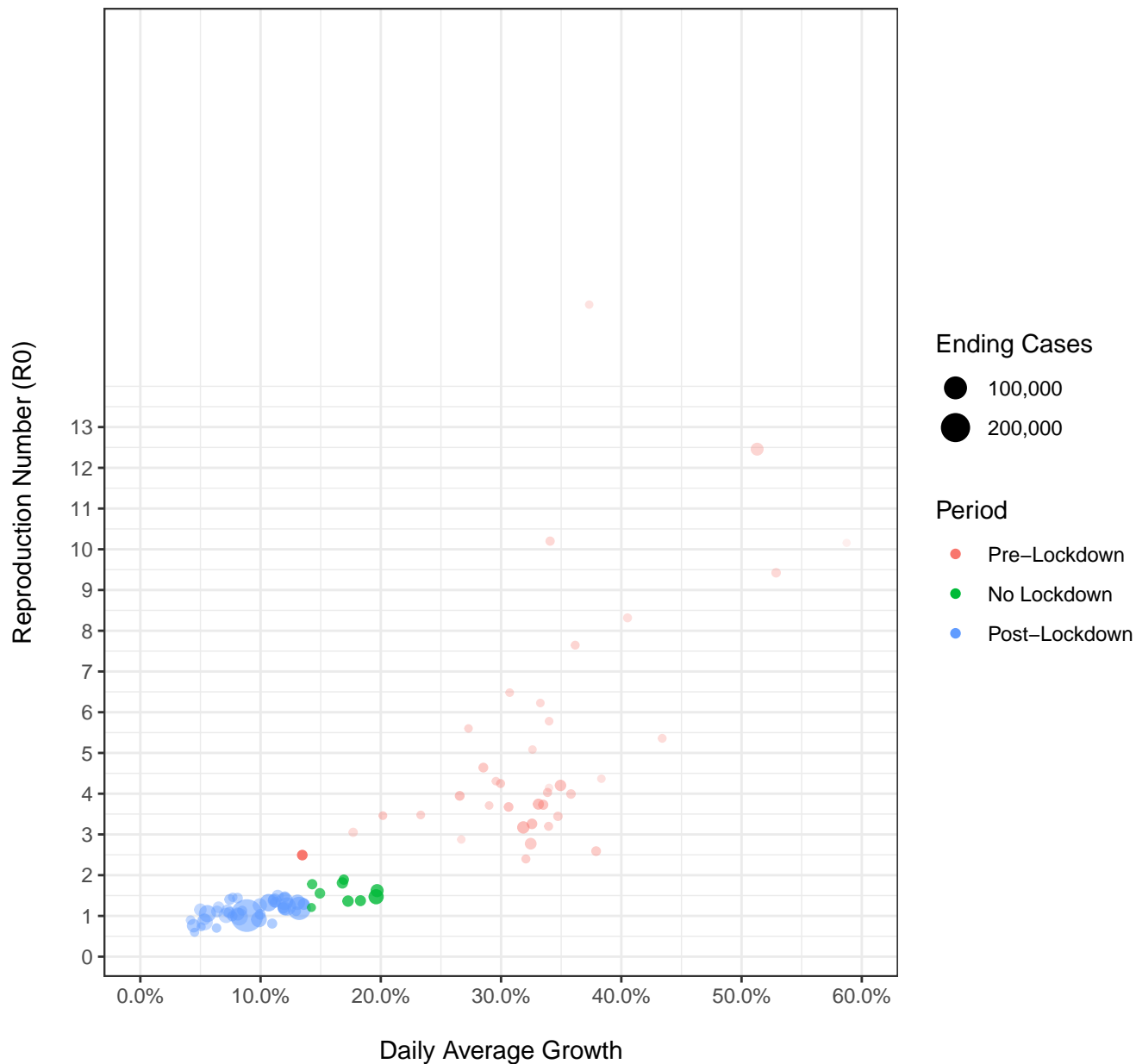
COVID-19 Rolling 7-Day Reproduction Number (R_0) by Lockdown

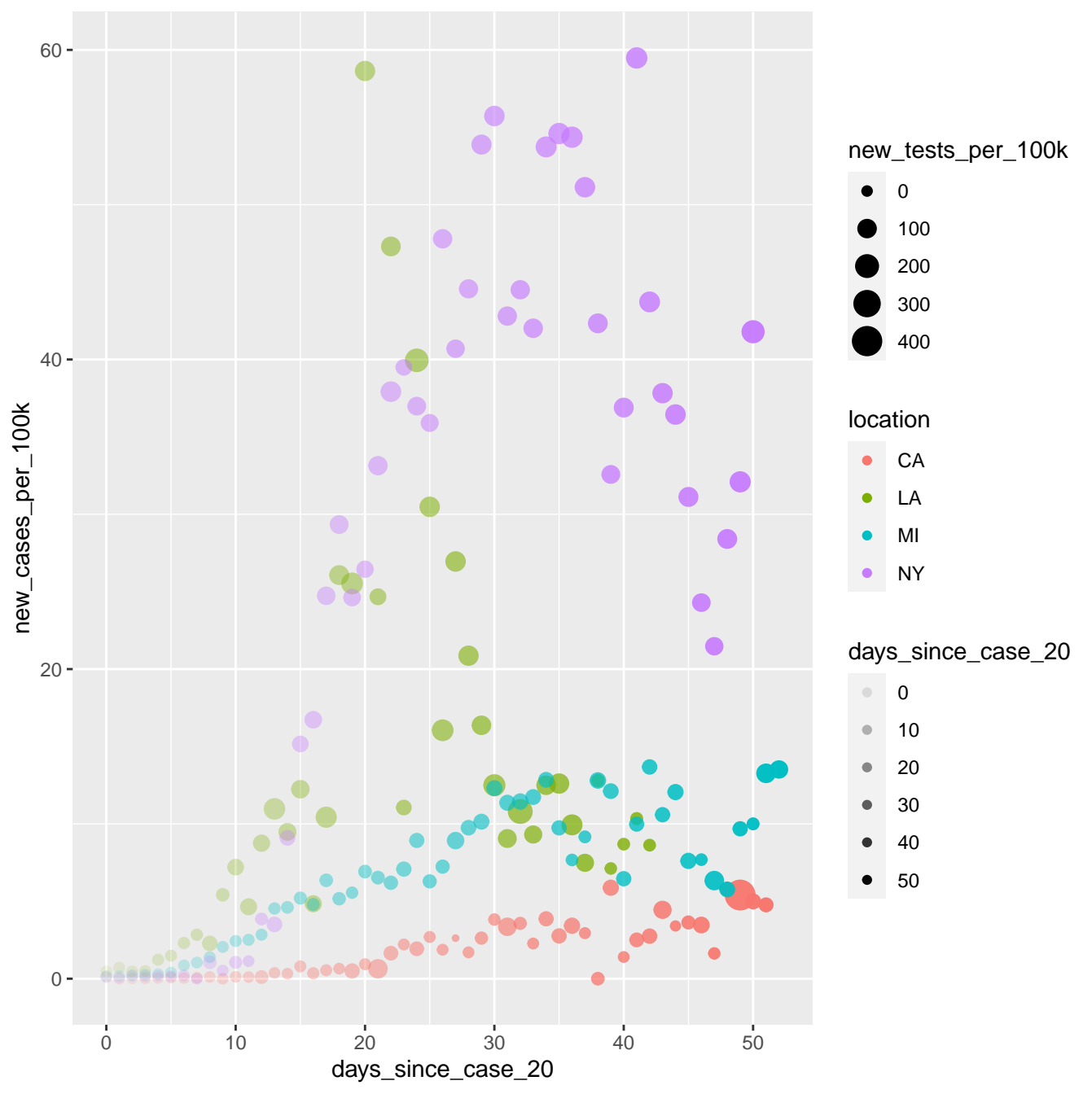
U.S. states, through April 24. State lockdowns are associated with a 55% decrease in COVID-19 R_0 of 2.2 down to 1), though many areas experienced decreased transmission pre-lockdown before lockdown. Lines show median R_0 and ribbons represent the 25th and 75th percentiles.



COVID-19 Daily Average Case Growth and R0, Pre vs. Post Lockdown

U.S. States, through April 24

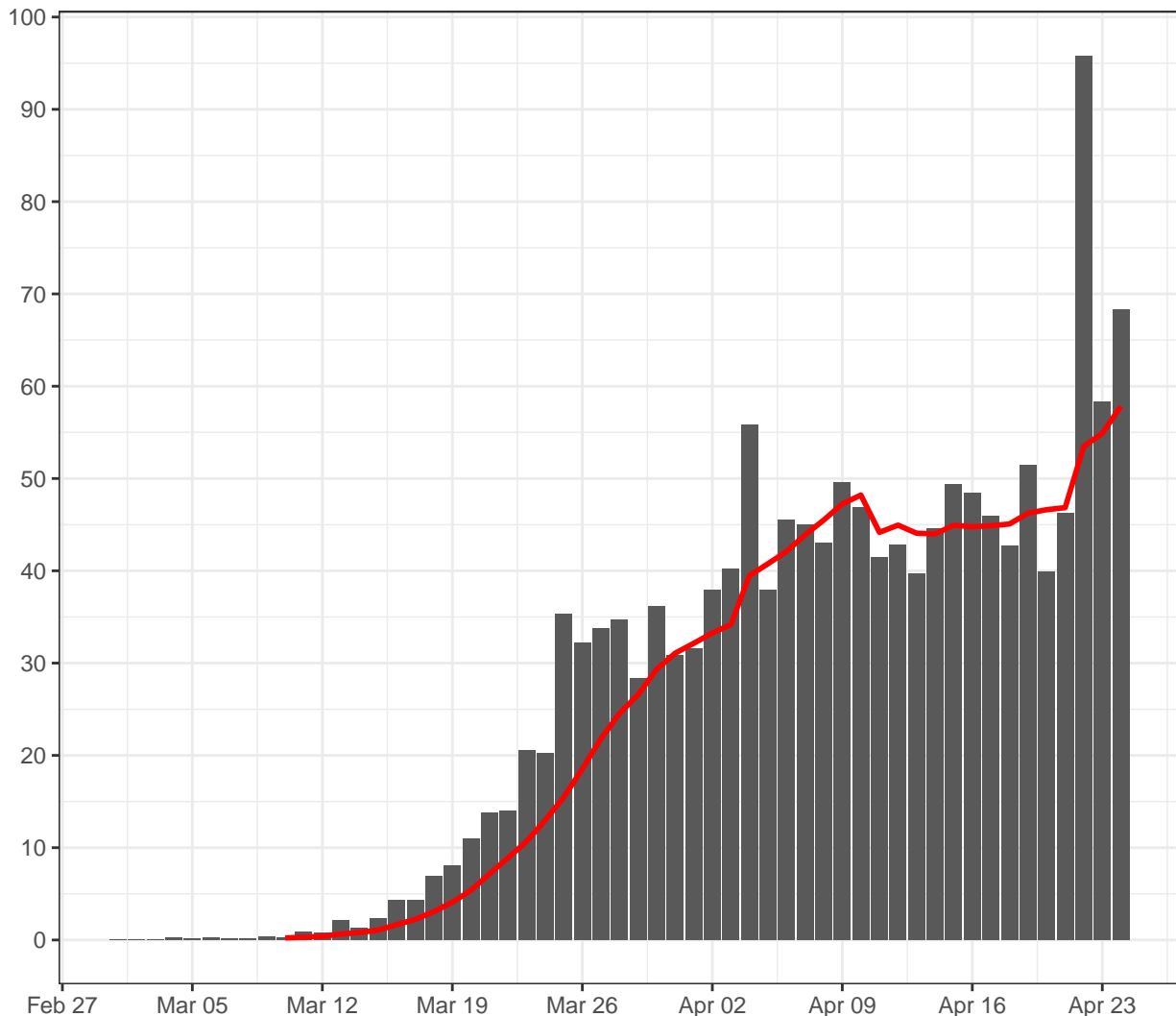




COVID-19 Tests Per 100k Population

United States, through April 24. Red line is the rolling 7-day average.

Daily Tests Per 100k Population



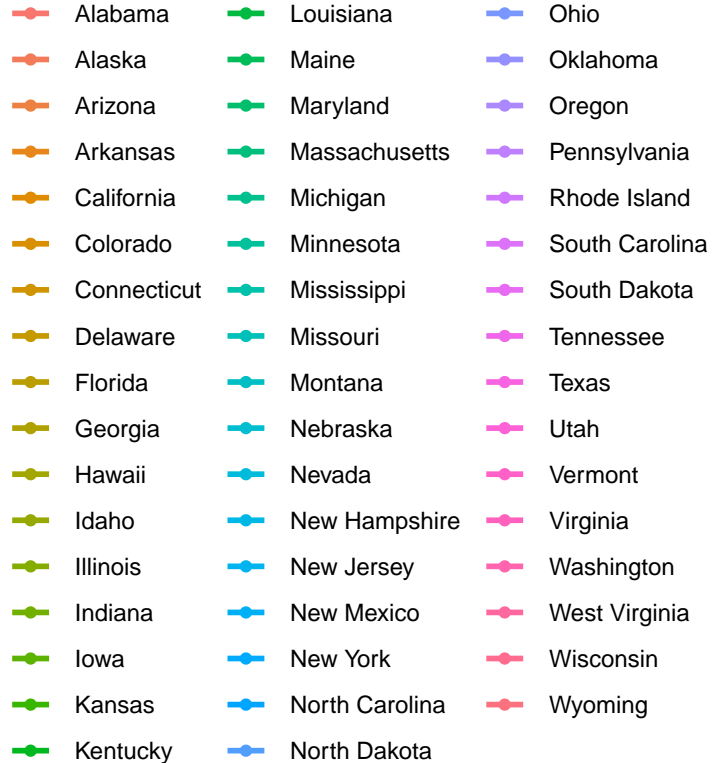
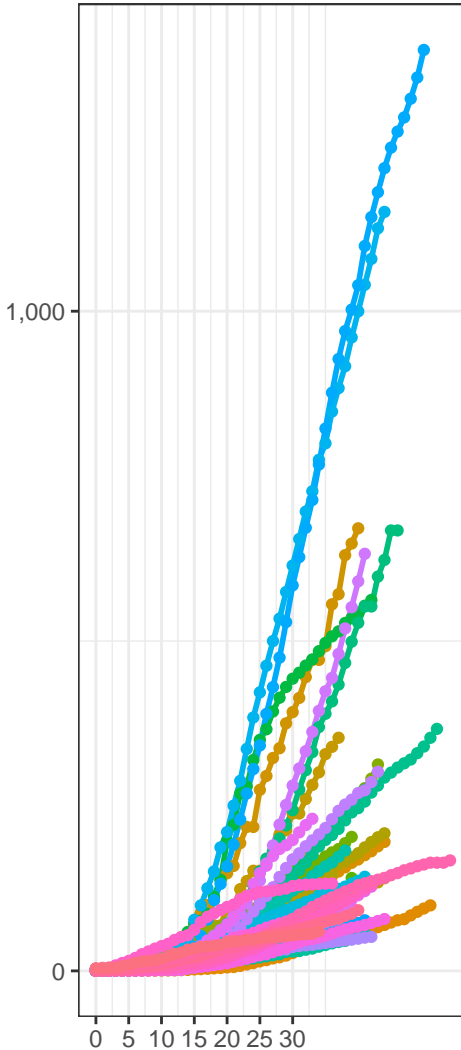
Days Since Case 20

Chart: Taylor G. White
Data: covidtracking.com

COVID-19 Cases Per 100k Population

Selected U.S. states, through April 24.

Cases Per 100k Population



Days Since Case 20

Chart: Taylor G. White

Data: covidtracking.com

U.S. COVID-19 Cases by State, Per 100k Population

As of April 24

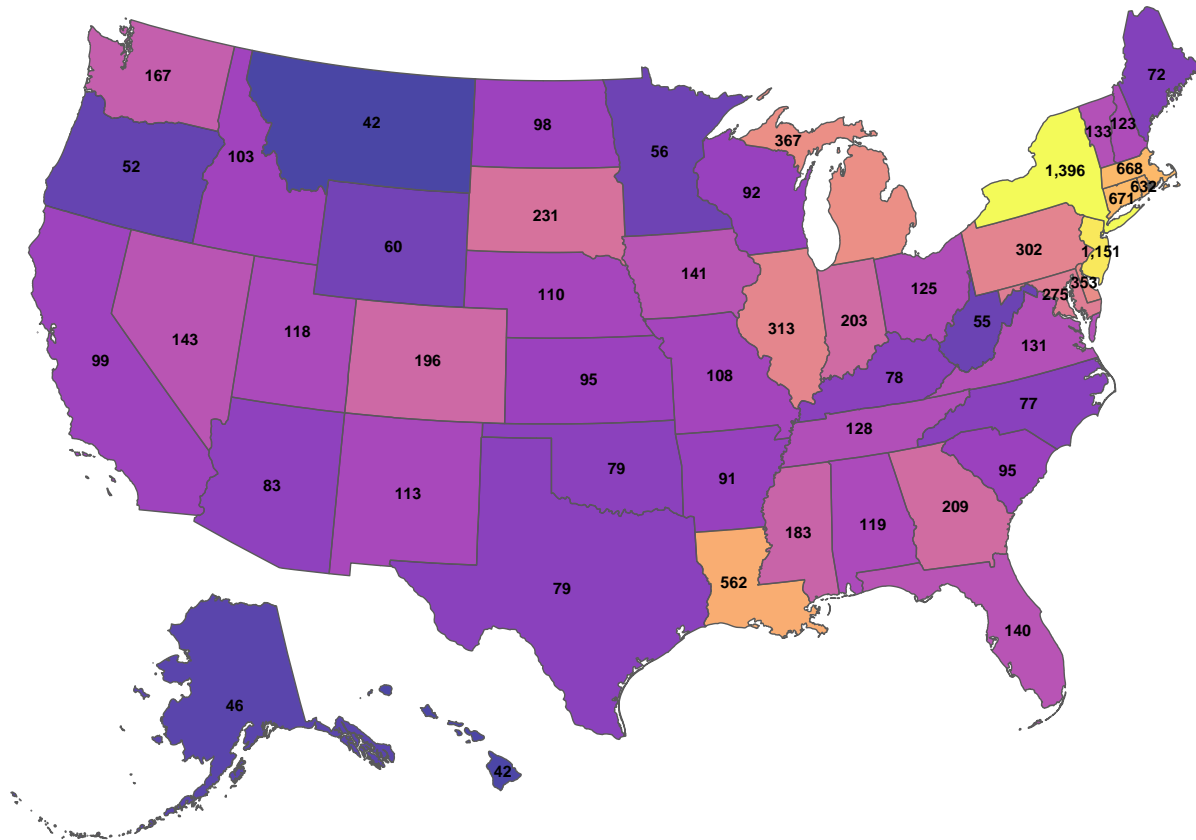


Chart: Taylor G. White
Data: covidtracking.com

COVID-19 Case Fatality Rates vs. Percent Positive Tests

U.S. states, through April 24. Latest data shown for each state.

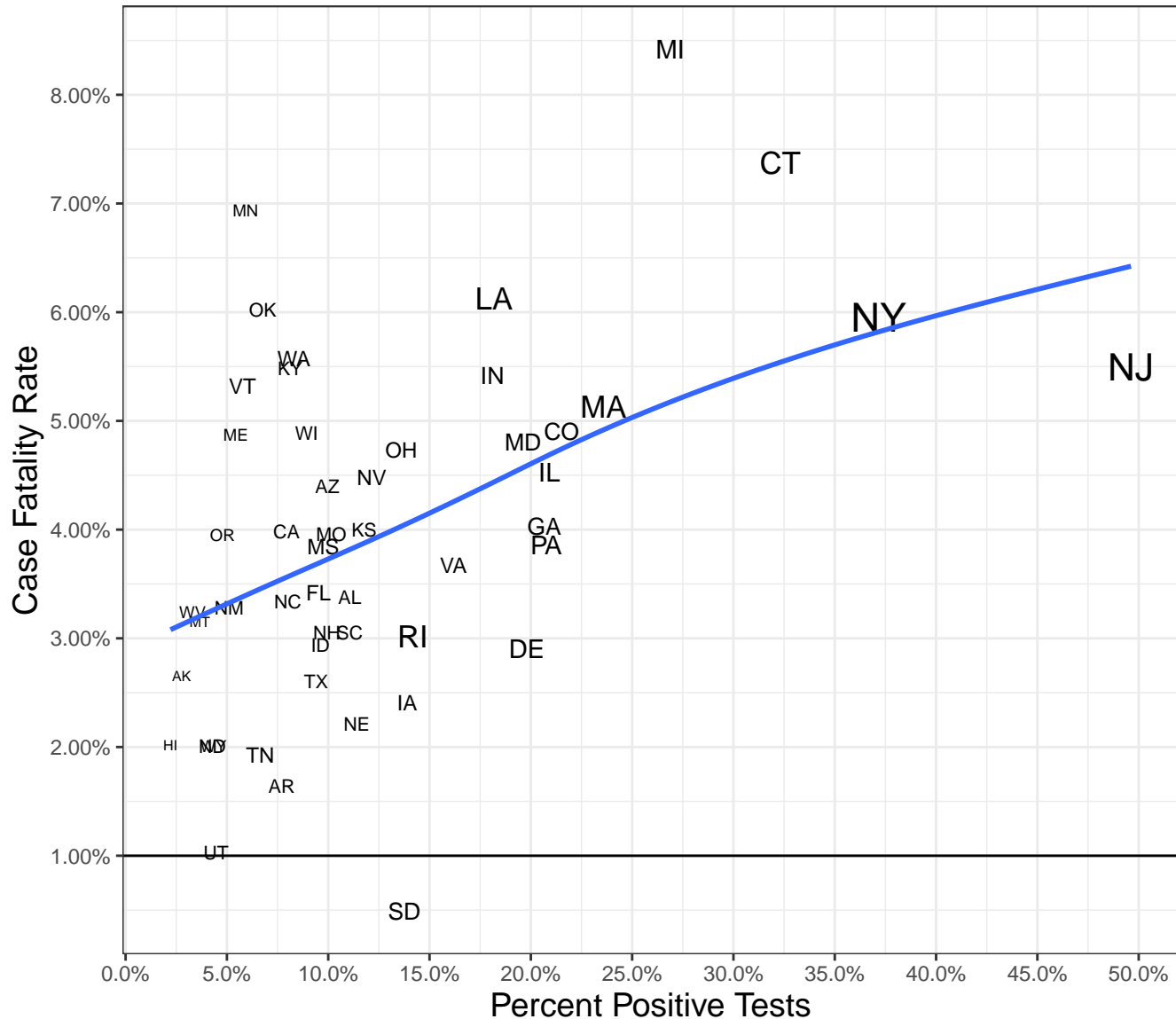


Chart: Taylor G. White

Data: covidtracking.com, FRED