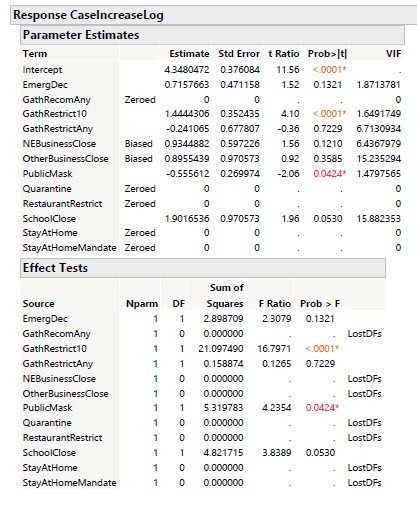
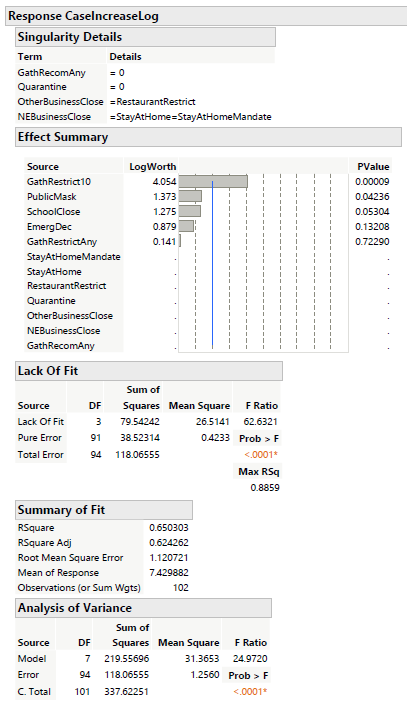
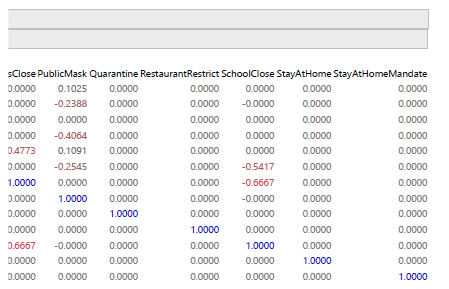
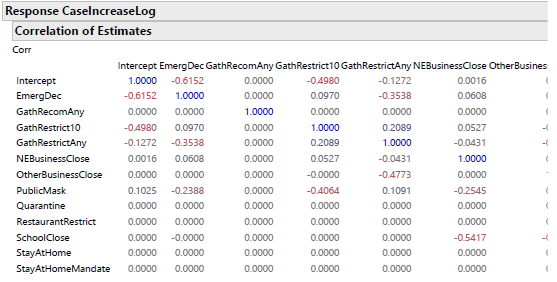
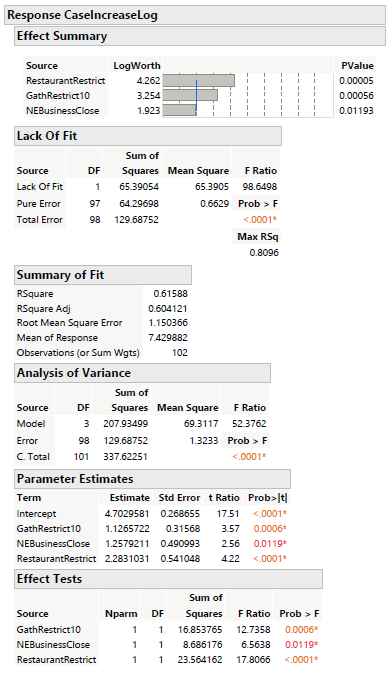


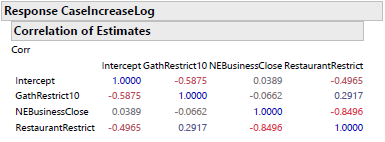
Scatter plot of Log(Case Increase) vs Date for New York



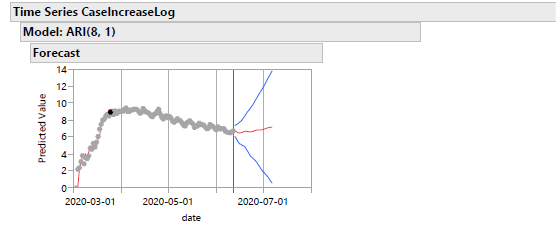
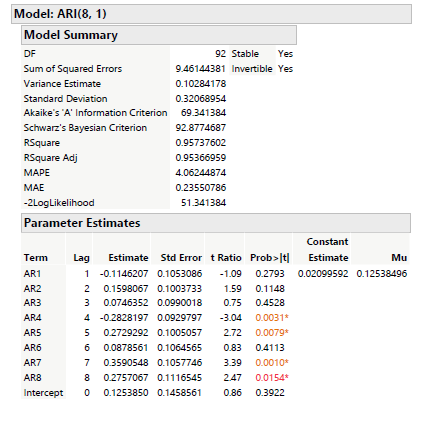


First Regression

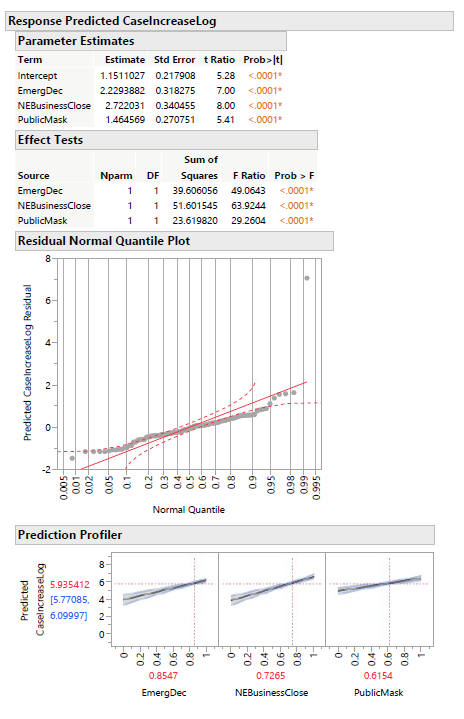
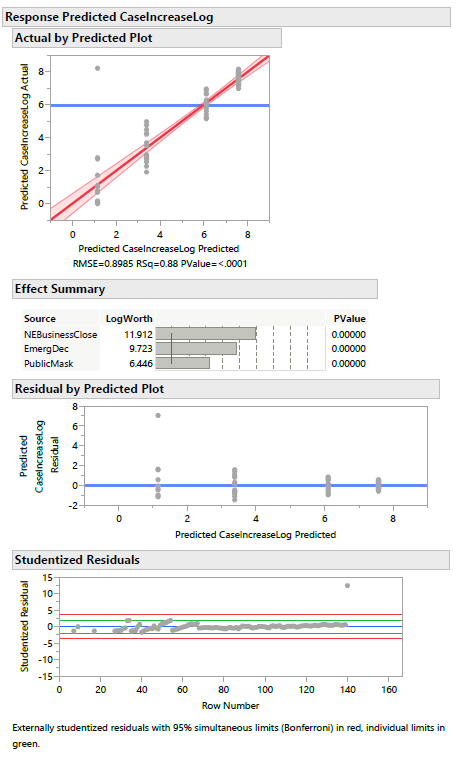




Final Regression model



Time series



Final Arima model. We found that EmergDec, NEBusinessClose, and PublicMask policies impacted New York the most and used this model for prediction.