Data Visualization in R

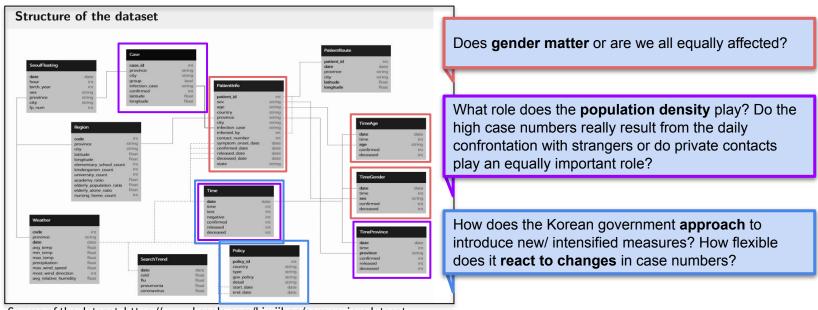
Case Study: COVID-19 in South Korea

Group 25

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Introduction



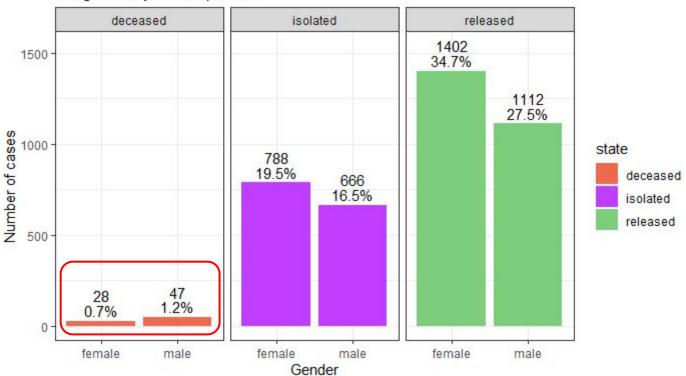
Source of the dataset: https://www.kaggle.com/kimjihoo/coronavirusdataset

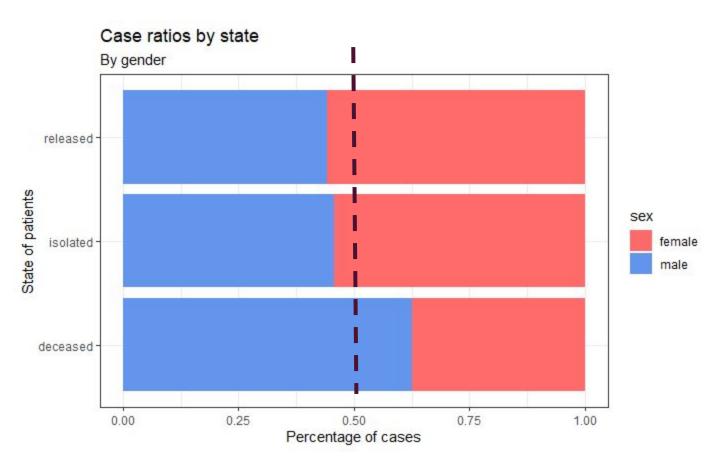
Claim 1.

Females got infected more than males, but males passed away more compared to females.

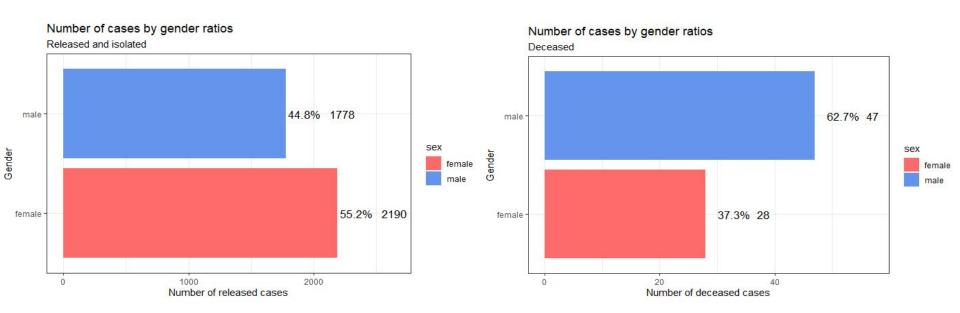
Number of cases by gender groups

categorized by state of patients



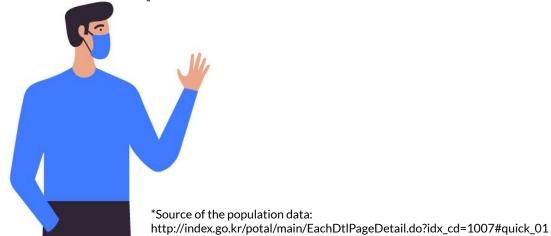


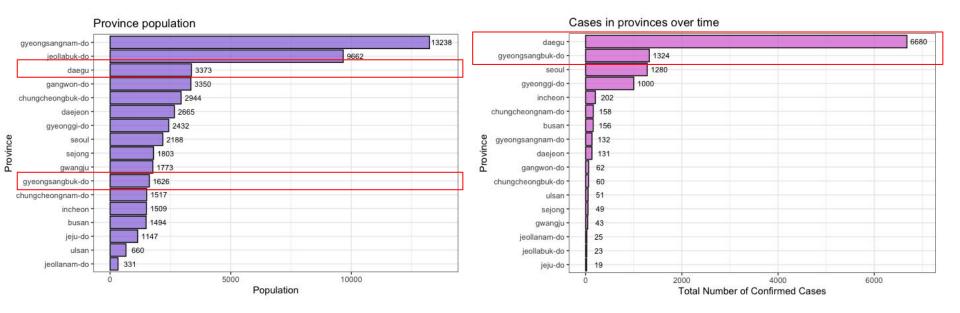
Comparing deceased and healed ratios

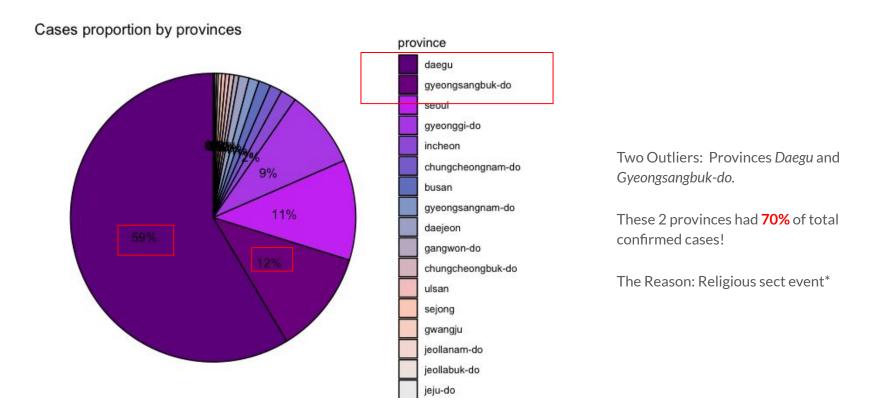


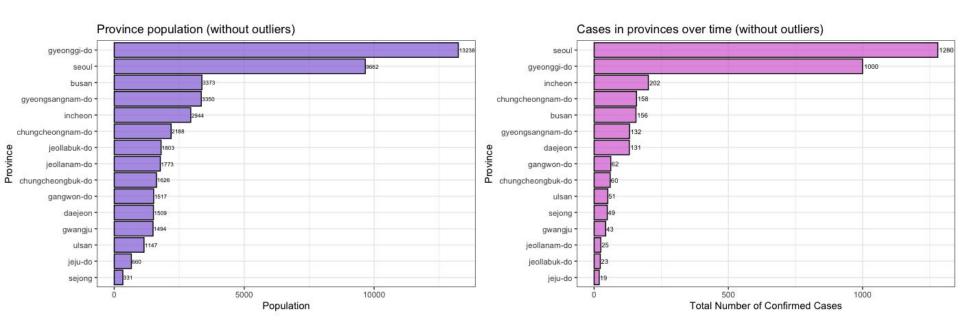
Claim 2.

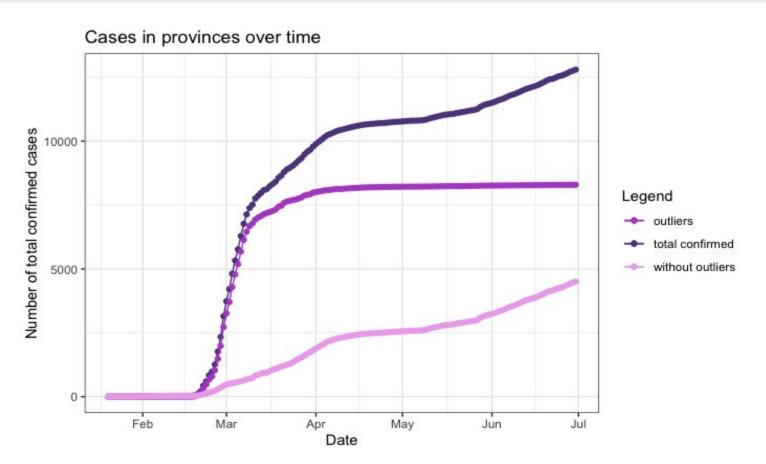
The number of COVID-19 cases is proportional to the population* in the provinces.









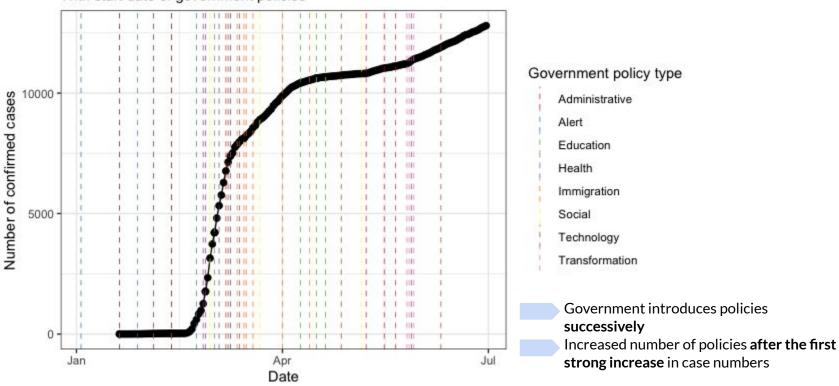


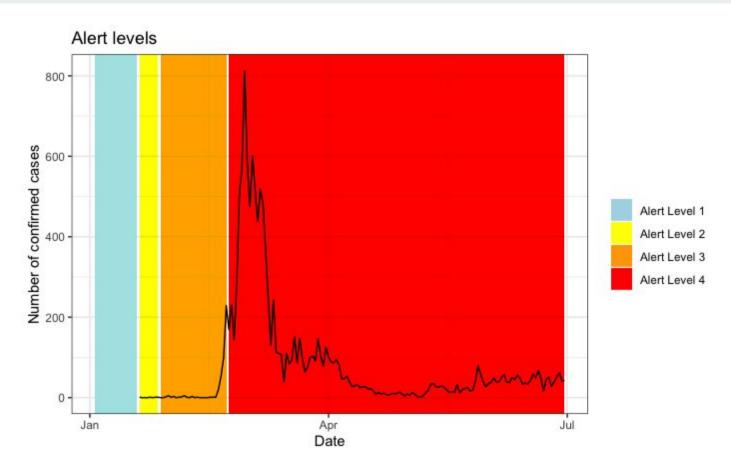
Claim 3.

New government policies are introduced whenever the number of confirmed cases is increasing.

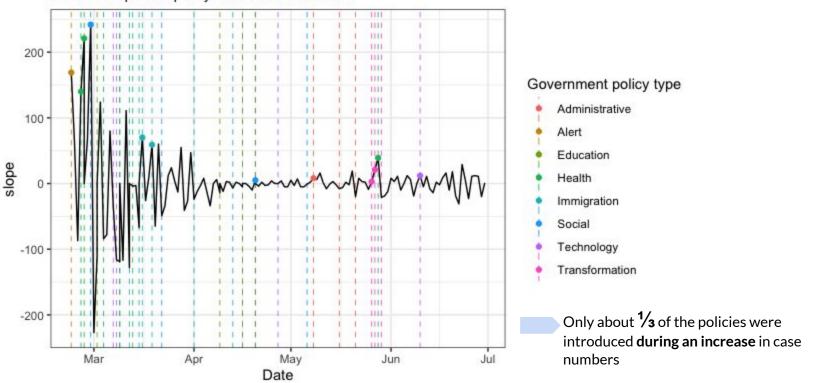


Accumulated Number of Confirmed Cases With start date of government policies

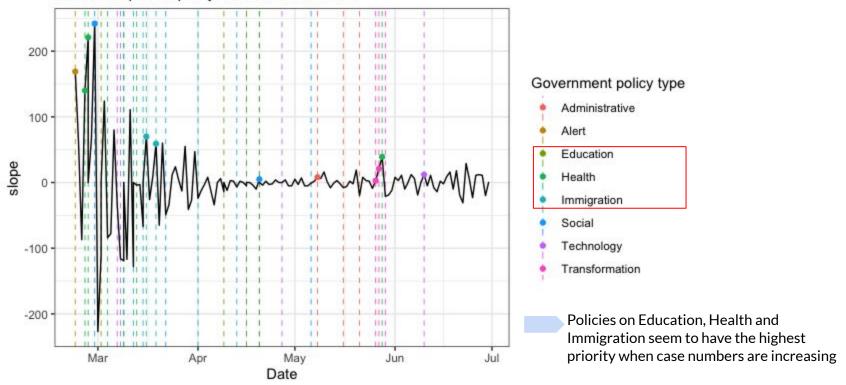




Introduced government policy when number of confirmed cases is rising Positive slope and policy start date intersection



Introduced government policy when number of confirmed cases is rising Positive slope and policy start date intersection



Thanks for listening!