Effect of policies in South Korea



After this presentation you will know:

Why eating kimchi might be the best way to stop covid cases?

Effect of policies in South Korea



After this presentation you will know:

- 1) How decrease in the amount of people affected covid cases
- 2) How immigration policies affected overseas cases
- 3) Whether policies could stop the spread of covid cases between the regions

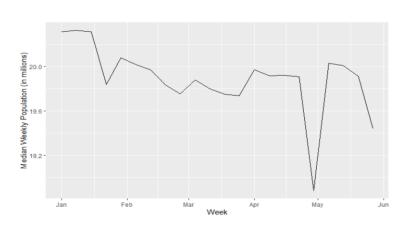
1. How decrease in the amount of people affected covid cases



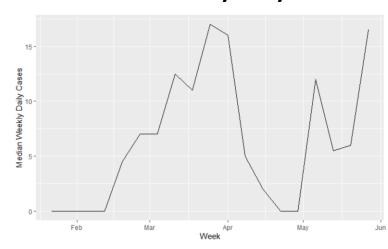
Does the decrease of population lead to decrease in cases?

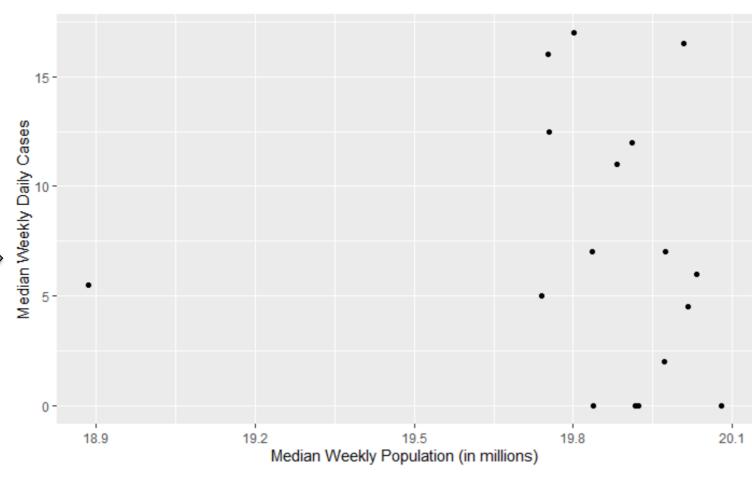
1. How decrease in the amount of people affected covid cases

Median Weekly Population (in millions)



Median Weekly Daily Cases





Spearman Correlation: -0.31

P-Value: 0.225

Figures 1-3

2. How immigration policies affected overseas cases

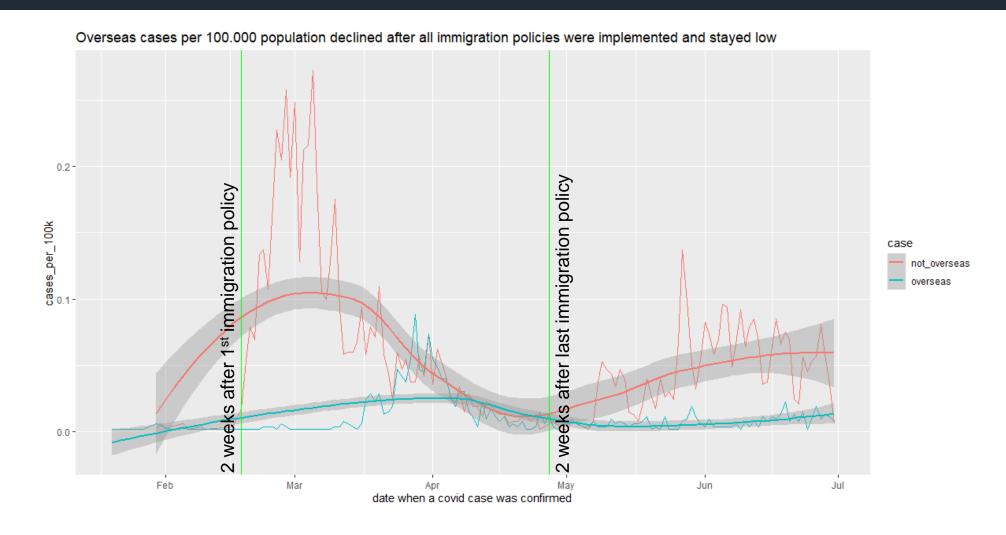
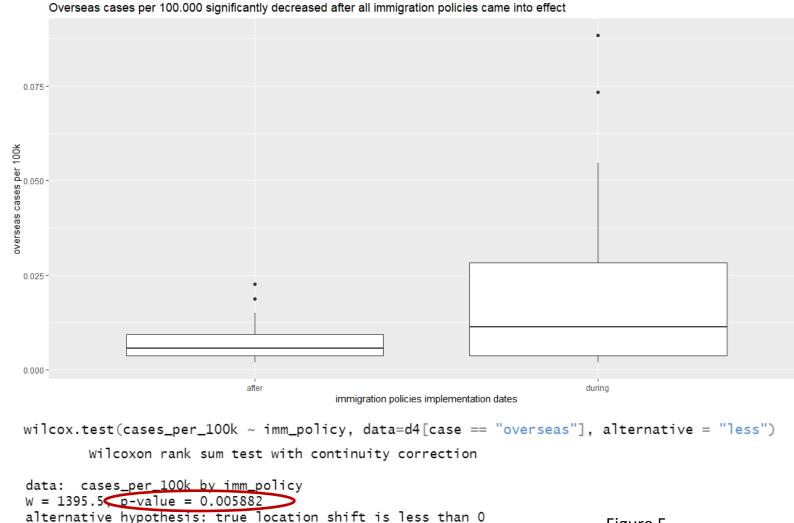


Figure 4

2. How immigration policies affected overseas cases

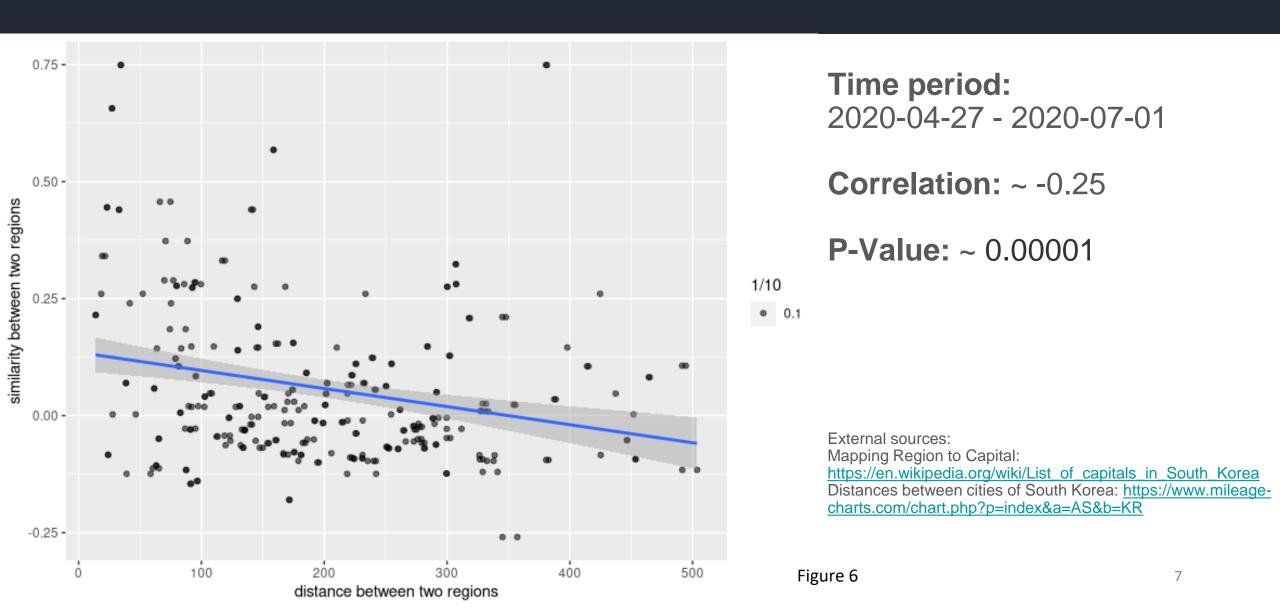


Takeaway:

- 1) Immigration policies were effective at lowering covid cases from overseas: decline of overseas cases after all immigration policies were implemented
- 2) Immigration policies were not that effective at stopping overseas cases from spreading: sharp increase of non-overseas cases

Figure 5

3. Closer regions have more similar covid case spread pattern



Effect of policies in South Korea: in a nutshell

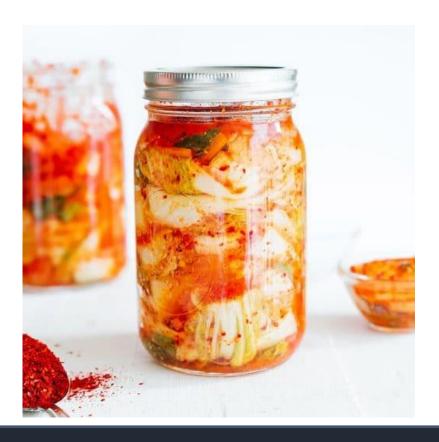




Now (hopefully) you know:

- 1) How decrease in the amount of people affected covid cases
 It is not related to covid cases
- **2) How immigration policies affected overseas cases** Immigration policies decreased overseas cases
- **3) Whether policies could stop the spread of covid cases between the regions** No, they did not: the cases spread from regions to neighboring regions

Effect of policies in South Korea: in a nutshell



But eating more kimchi might have been a better policy;)