

A FORECAST MODEL OF COVID-19 SPREADING IN SOUTH KOREA

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ABSTRACT

The number of people with COVID-19 in South Korea continues to increase. In this talk, we introduce to several forecast models of the spread of COVID-19 in the U.S. and then we consider a real time forecast model of COVID-19 spreading in South Korea using bayesian and a compartment model. Such model can be used the real-time application of a collaborative ensemble to forecast deaths and cases attributable to COVID-19 in South Korea.

Keywords: COVID-19, SARS-CoV-2, Epidemic model, Compartment model