

# The Comparison For Epidemiological Investigation Of Corona Virus-19 Pandemic

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**Abstract**—The corona virus is currently in a pandemic. At this point, the most pressing challenge in the health care field is the coronavirus disease (COVID-19) epidemic. “In Korea, the first laboratory confirmed case was confirmed on January 20, 2020[1]”. One way to identify these diseases is building the computational model. And then it needs a way to check whether the model worked or not. In this paper, We explain how to check the model using several programs.

**Keyword**—Corona Virus Disease 19(Covid-19), Simulation, Epidemiology Compartment Model



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