



# Modeling the Dynamics of COVID-19

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## Data Source

- ☒ Local  
☐ Our World In Data

## Continent

Europe

## Country

Liechtenstein

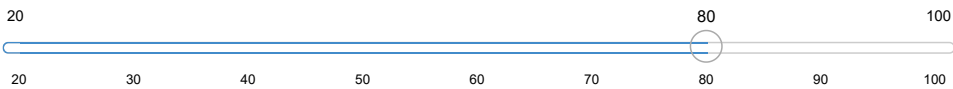
## Modeling Period

2020-04-04

to

2020-06-01

## Percentage of Training Dataset (Training vs. Testing Split):



## Variable of Interest

- ☒ New Cases  
☐ New Deaths

## Liechtenstein

The study timeframe starts from **2020-04-04** until **2020-06-01** covering **59** days.

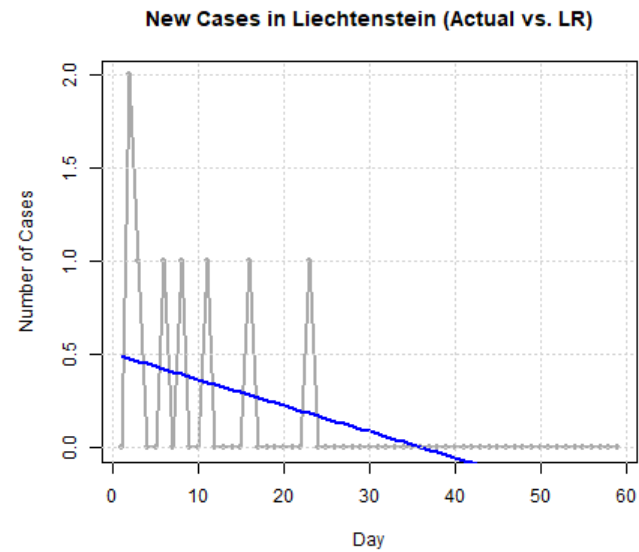
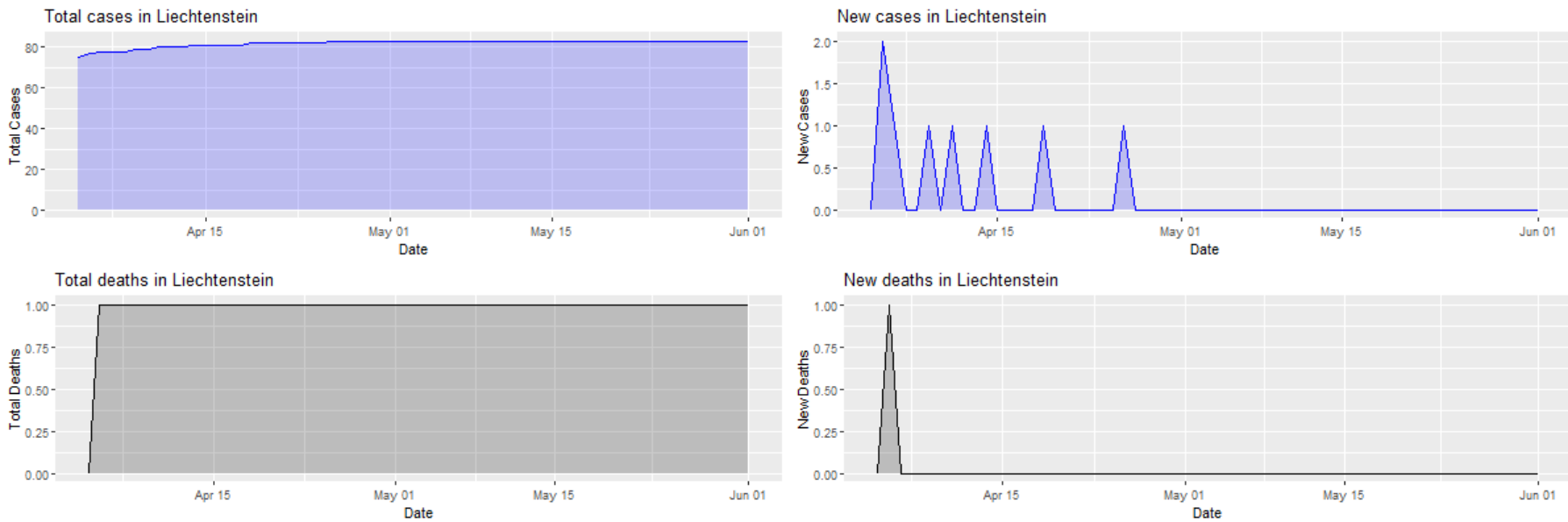
The first case was reported on: **2020-04-04**

The first death was reported on: **2020-04-05**

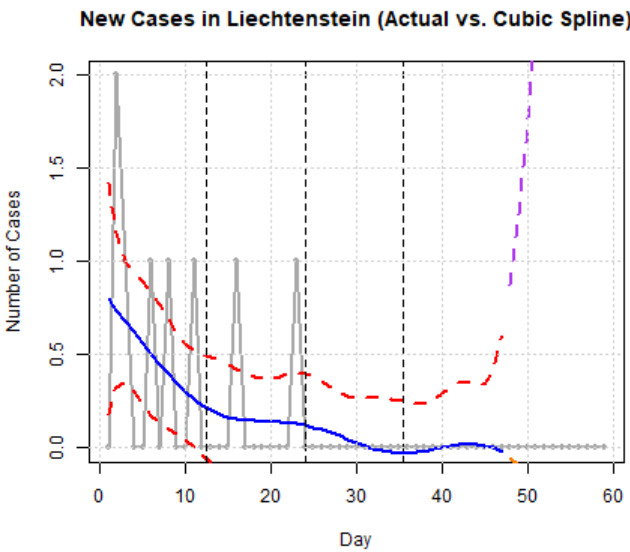
The total cumulative number of cases by the last day in the selected period is **83** cases.

The total number of deaths by the last day in the selected period is **1** deaths.

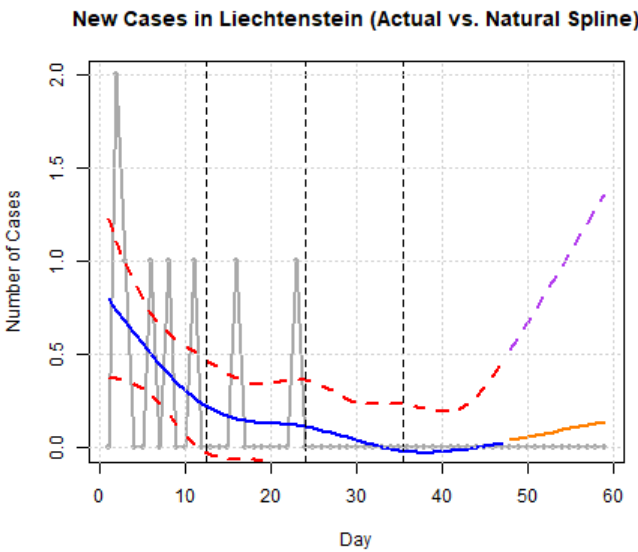
## Cases vs. Deaths Overview



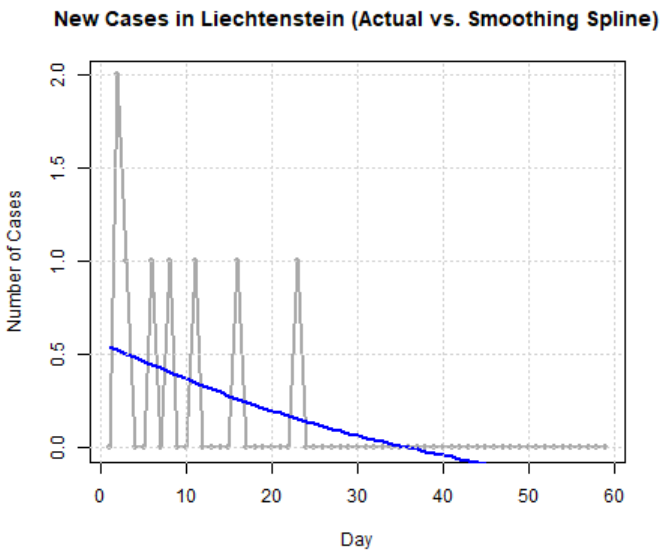
AIC = 49.512  
BIC = 55.063  
Training MSE = 0.15  
Testing MSE = 0.06



AIC = 55.639  
BIC = 70.441  
Training MSE = 0.14  
Testing MSE = 0.53



AIC = 51.707  
BIC = 62.807  
Training MSE = 0.14  
Testing MSE = 0.01



Degrees of Freedom = 2.324  
AIC = 18.14  
BIC = 22.441  
Training MSE = 0.14  
Testing MSE = 0.03