



# Modeling the Dynamics of COVID-19

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## Data Source

- ☒ Local  
☐ Our World In Data

## Continent

Europe

## Country

Denmark

## Modeling Period

2020-04-04 to 2020-06-01

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



## Variable of Interest

- ☒ New Cases  
☐ New Deaths

## Denmark

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

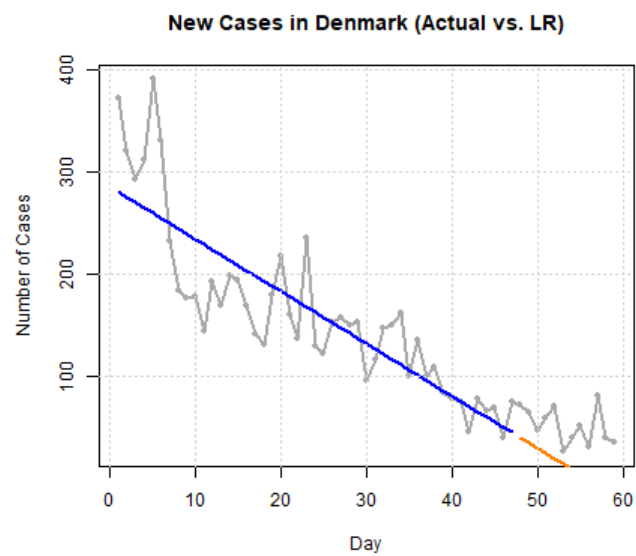
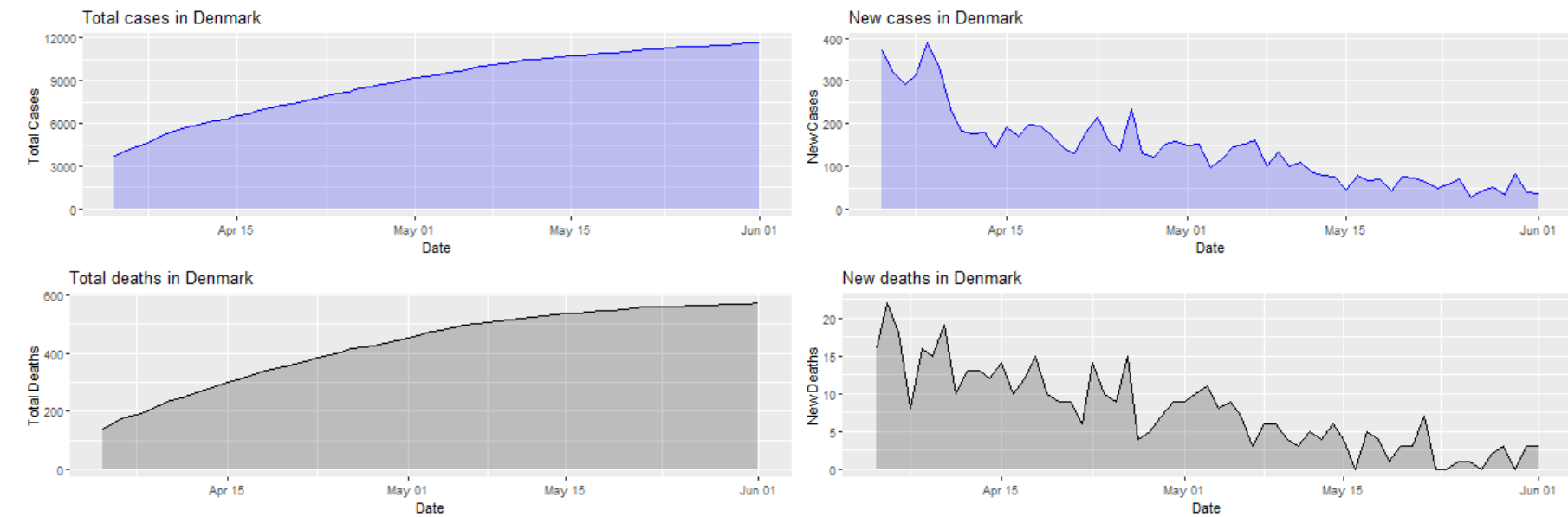
The first case was reported on: **2020-04-04**

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

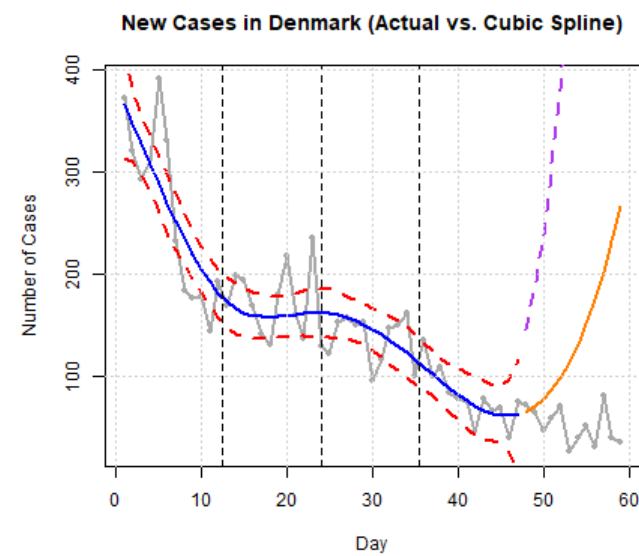
The total cumulative number of cases by the last day in the selected period is **11669** cases.

The total number of deaths by the last day in the selected period is **574** deaths.

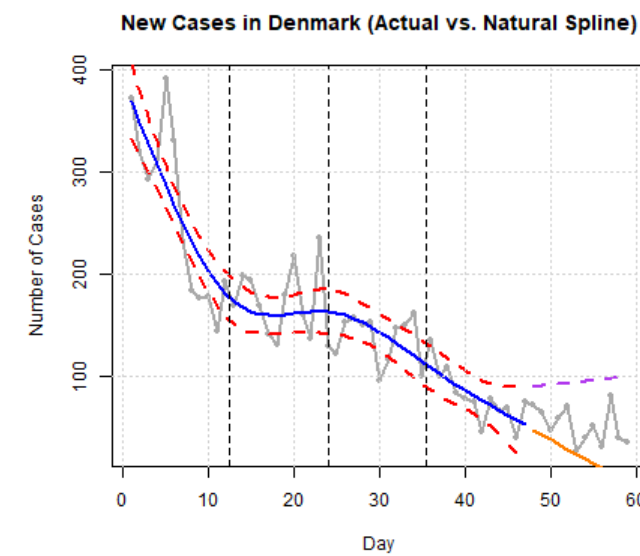
## Cases vs. Deaths Overview



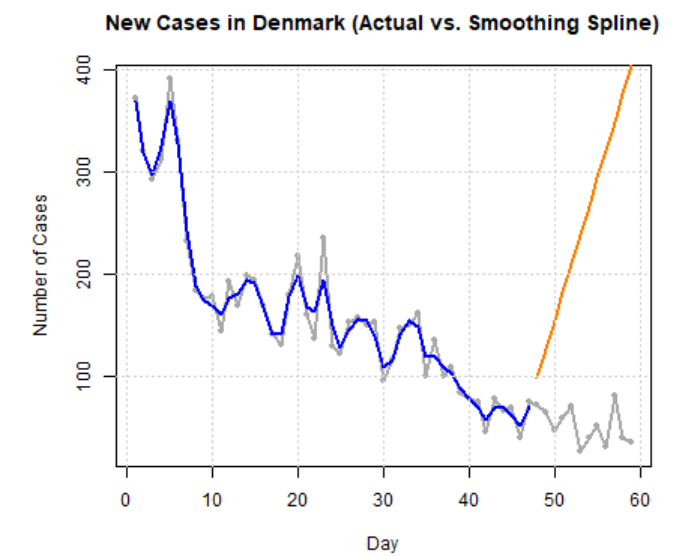
AIC = 492.108  
BIC = 497.659  
Training MSE = 1,816.83  
Testing MSE = 1,918.78



AIC = 474.111  
BIC = 488.913  
Training MSE = 1,001.42  
Testing MSE = 12,755.53



AIC = 470.477  
BIC = 481.578  
Training MSE = 1,009.23  
Testing MSE = 1,210



Degrees of Freedom = 29.688  
AIC = 13,452.38  
BIC = 13,507.31  
Training MSE = 142.48  
Testing MSE = 50,624.26