



Modeling the Dynamics of COVID-19

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Data Source

- ☒ Local
☐ Our World In Data

Continent

Europe

Country

Belarus

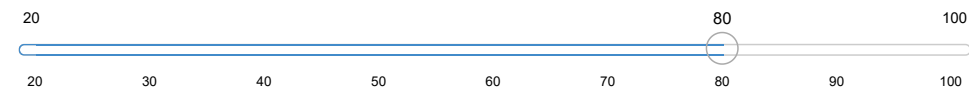
Modeling Period

2020-04-04

to

2020-06-01

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



Variable of Interest

- ☒ New Cases
☐ New Deaths

Belarus

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

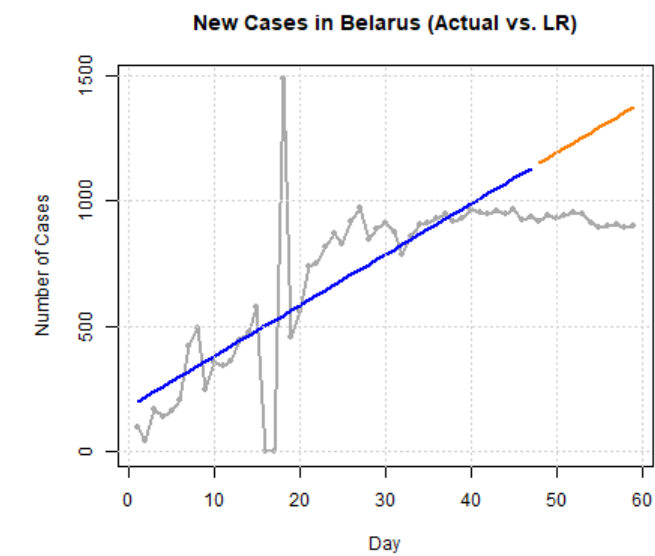
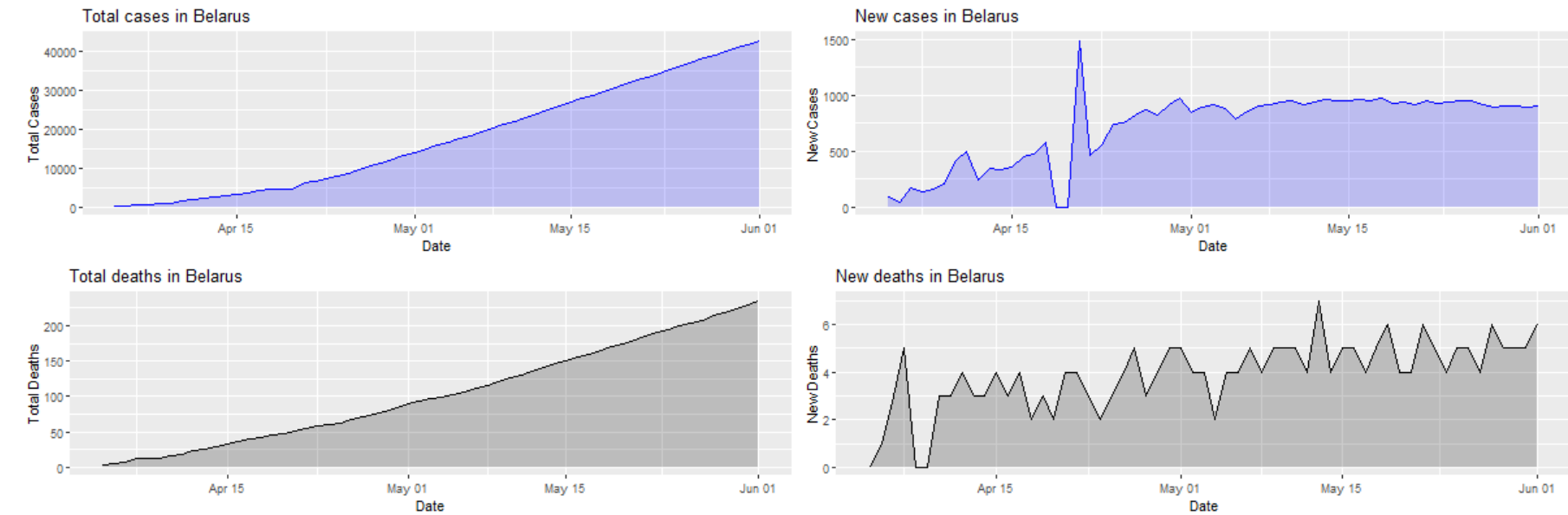
The first case was reported on: **2020-04-04**

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

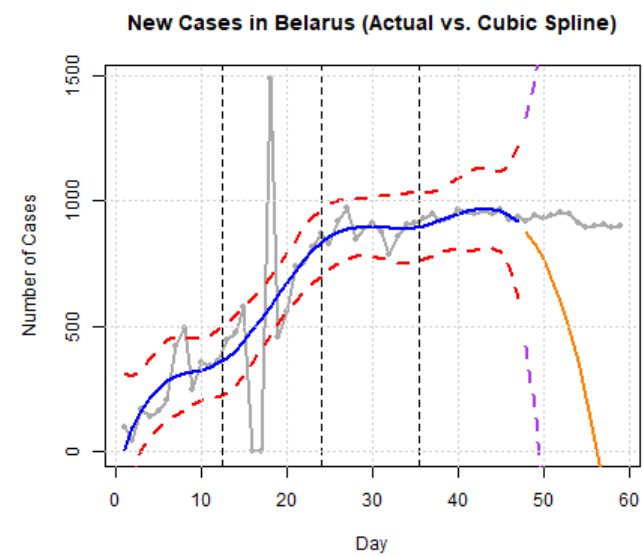
The total cumulative number of cases by the last day in the selected period is **42556** cases.

The total number of deaths by the last day in the selected period is **235** deaths.

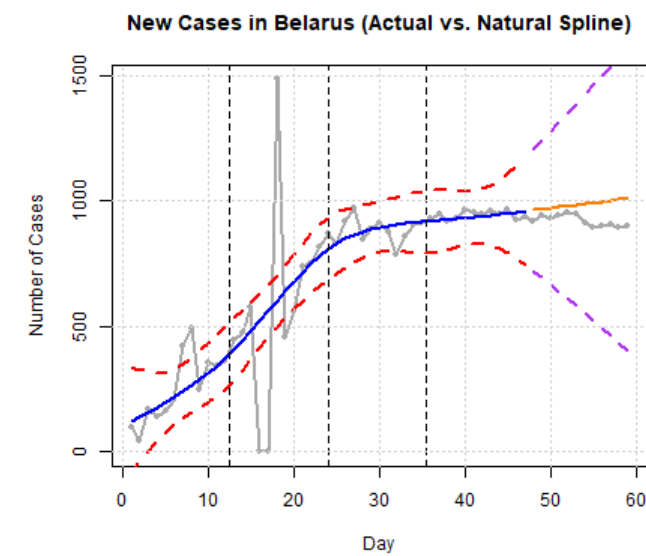
Cases vs. Deaths Overview



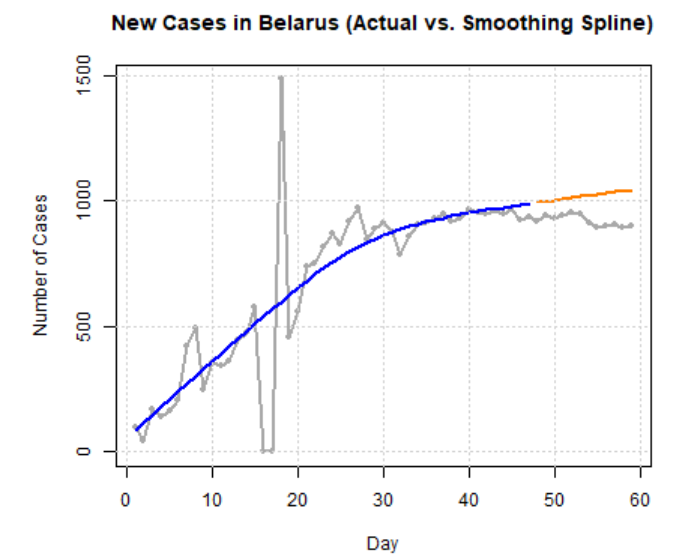
AIC = 639.917
BIC = 645.467
Training MSE = 42,180.72
Testing MSE = 124,343



AIC = 637.677
BIC = 652.478
Training MSE = 32,509.88
Testing MSE = 572,067.5



AIC = 635.181
BIC = 646.282
Training MSE = 33,566.59
Testing MSE = 5,402.94



Degrees of Freedom = 3.367
AIC = 3,244,620
BIC = 3,244,626
Training MSE = 34,517.14
Testing MSE = 10,974.23