



Modeling the Dynamics of COVID-19

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Data Source

- ☒ Local
☐ Our World In Data

Continent

Europe

Country

San Marino

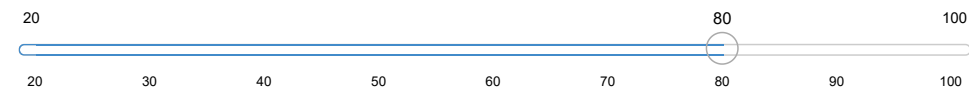
Modeling Period

2020-04-04

to

2020-06-01

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



Variable of Interest

- ☒ New Cases
☐ New Deaths

San Marino

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

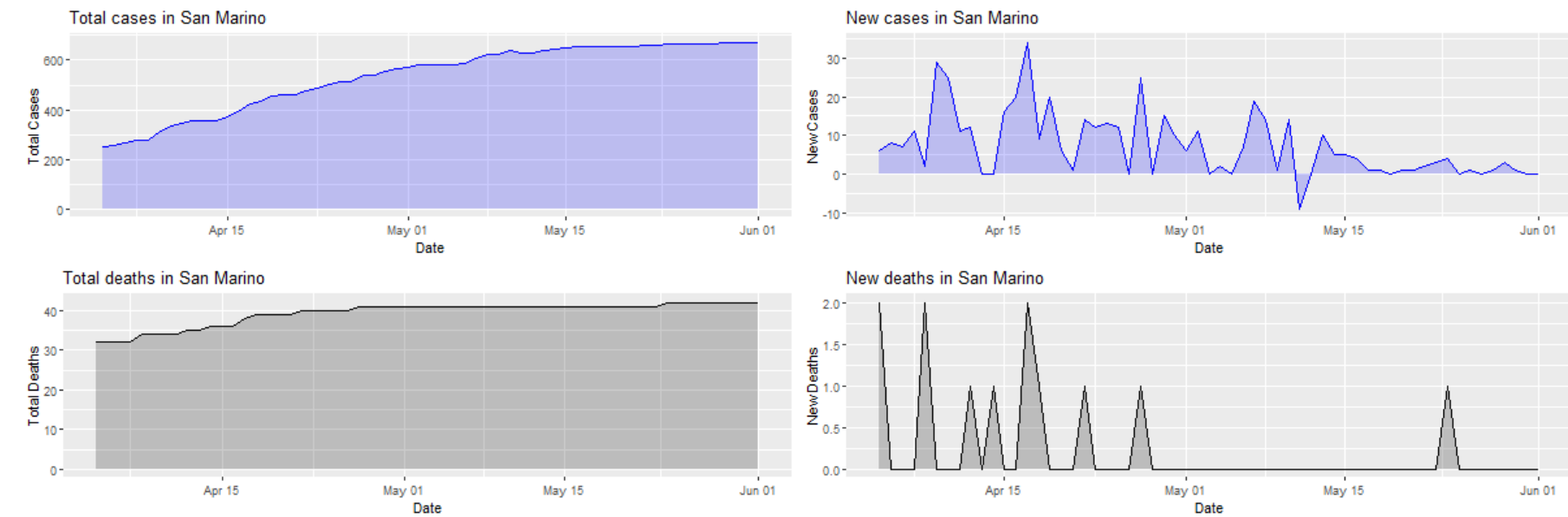
The first case was reported on: **2020-04-04**

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

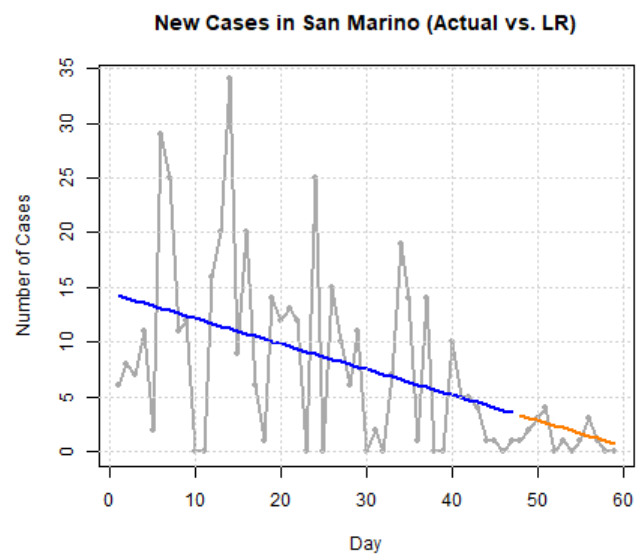
The total cumulative number of cases by the last day in the selected period is **671** cases.

The total number of deaths by the last day in the selected period is **42** deaths.

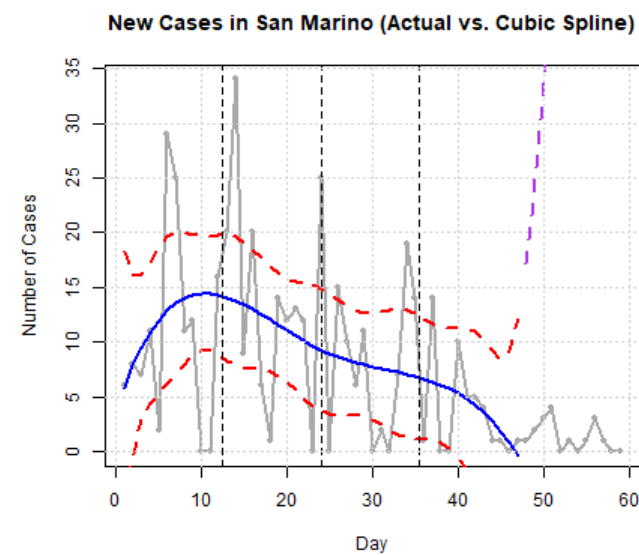
Cases vs. Deaths Overview



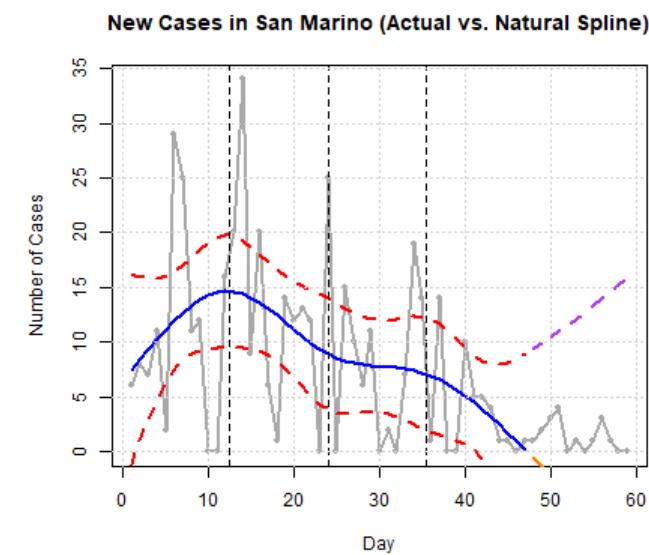
The data contains negative values which have been set as zero (0).



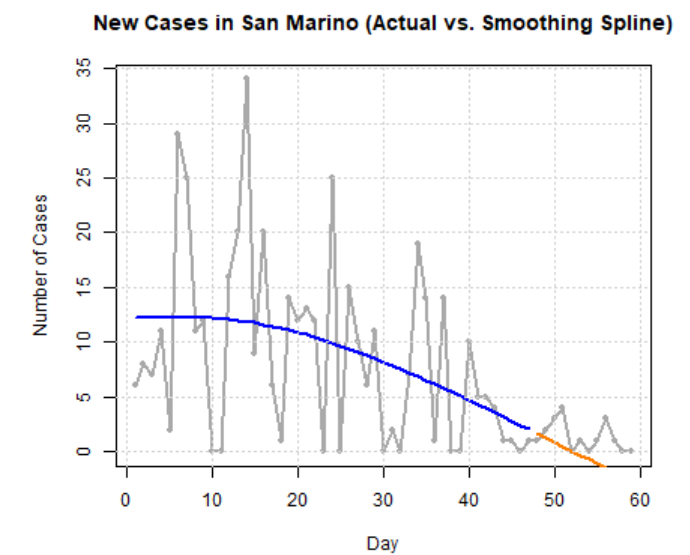
AIC = 332.578
BIC = 338.128
Training MSE = 60.98
Testing MSE = 1.98



AIC = 338.548
BIC = 353.349
Training MSE = 55.97
Testing MSE = 292.69



AIC = 334.747
BIC = 345.848
Training MSE = 56.21
Testing MSE = 42.37



Degrees of Freedom = 2.799
AIC = 5,517.08
BIC = 5,522.258
Training MSE = 58.63
Testing MSE = 5.48