



Modeling the Dynamics of COVID-19

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Data Source

- ☒ Local
☐ Our World In Data

Continent

Europe

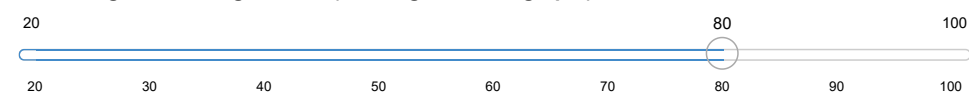
Country

Faeroe Islands

Modeling Period

2020-04-04 to 2020-06-01

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



Variable of Interest

- ☒ New Cases
☐ New Deaths

Faeroe Islands

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

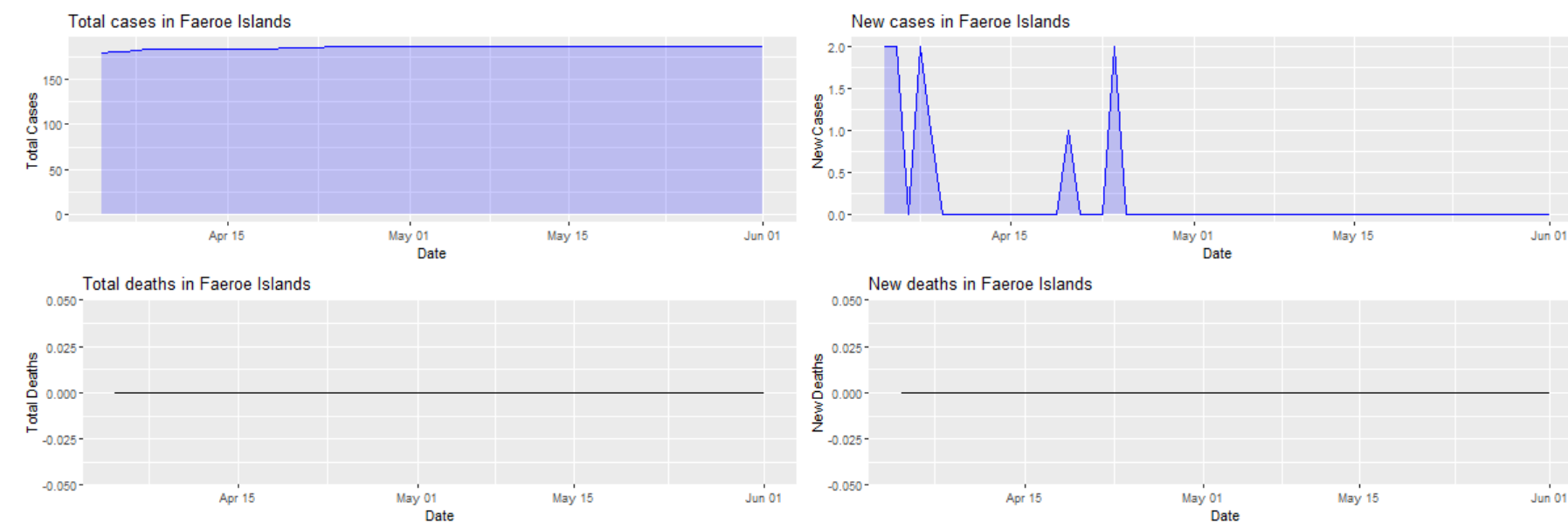
The first case was reported on: **2020-04-04**

The first death was reported on: **NA**

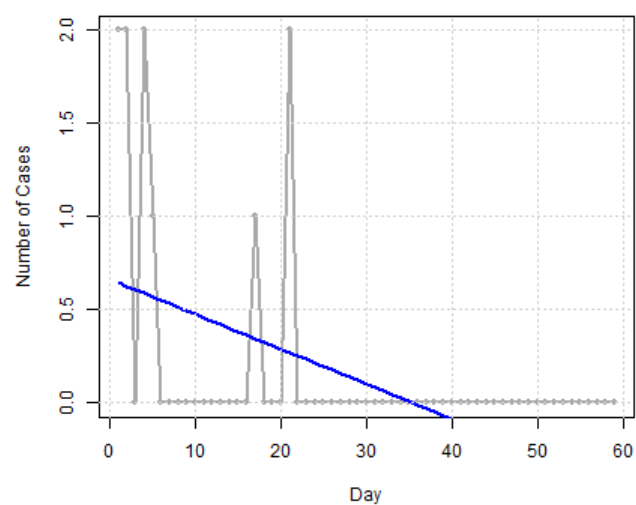
The total cumulative number of cases by the last day in the selected period is **187** cases.

The total number of deaths by the last day in the selected period is **0** deaths.

Cases vs. Deaths Overview

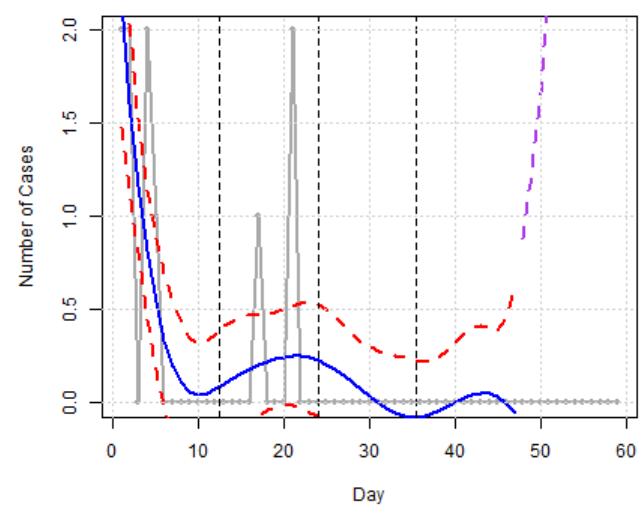


New Cases in Faeroe Islands (Actual vs. LR)



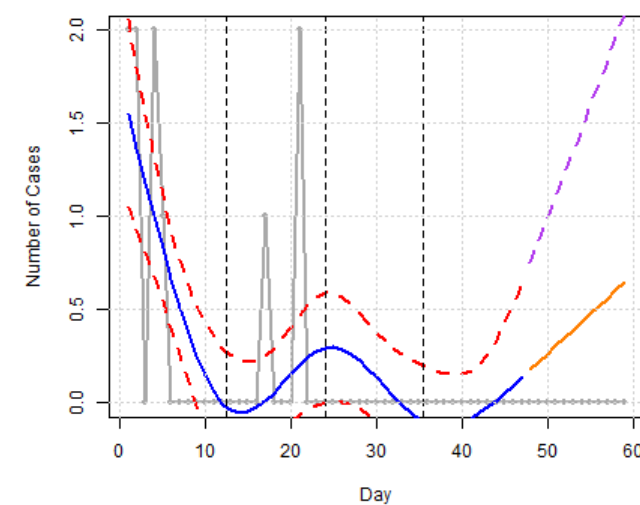
AIC = 78.385
BIC = 83.936
Training MSE = 0.27
Testing MSE = 0.12

New Cases in Faeroe Islands (Actual vs. Cubic Spline)



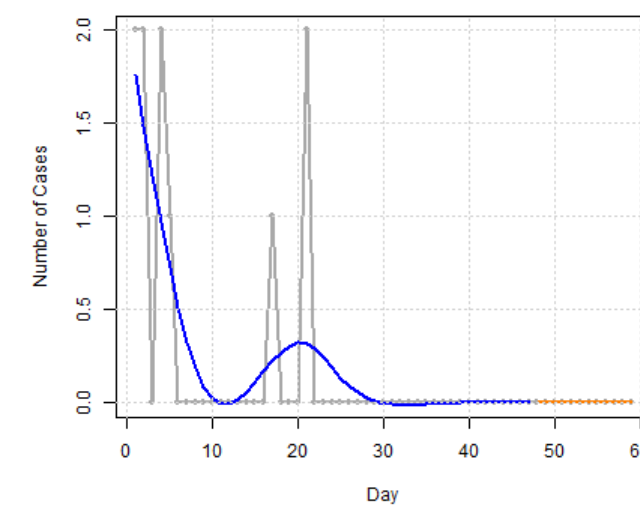
AIC = 63.765
BIC = 78.567
Training MSE = 0.16
Testing MSE = 3.04

New Cases in Faeroe Islands (Actual vs. Natural Spline)



AIC = 67.194
BIC = 78.295
Training MSE = 0.19
Testing MSE = 0.19

New Cases in Faeroe Islands (Actual vs. Smoothing Spline)



Degrees of Freedom = 7.115
AIC = 28.835
BIC = 41.999
Training MSE = 0.16
Testing MSE = 0