

Covid Plots

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1 Introduction

Global Total =54,110,061 as at November 15, 2020

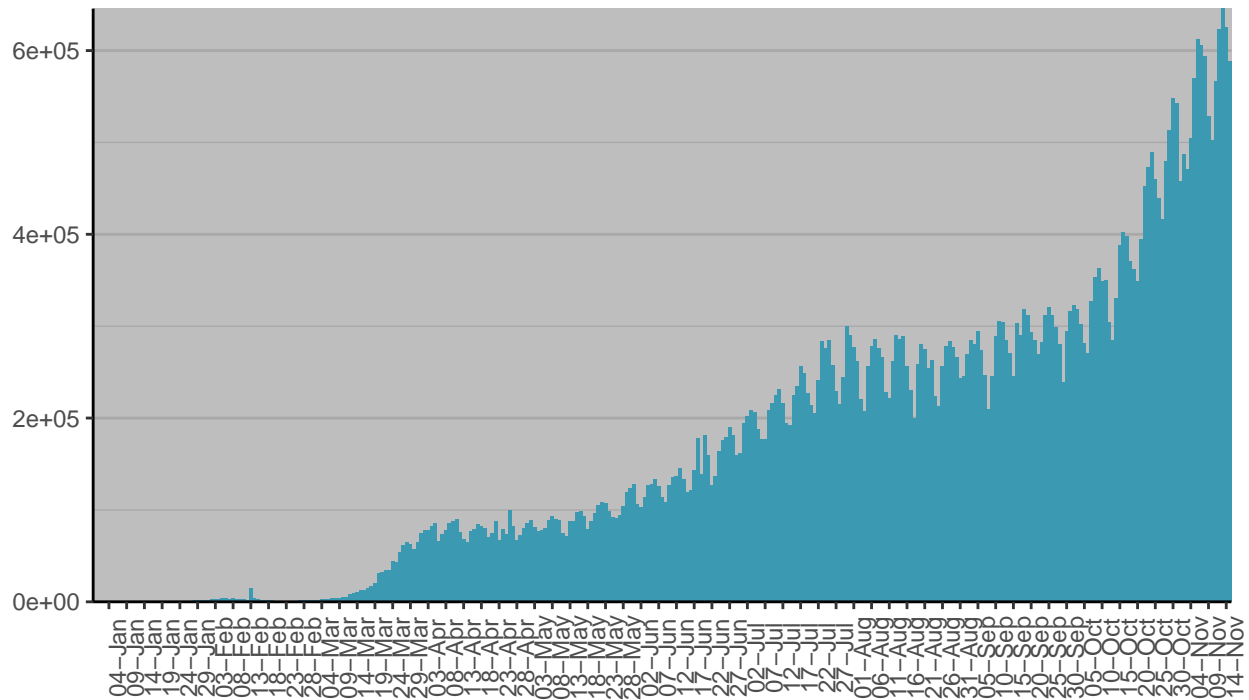


Figure 1: Daily cases Globally to date

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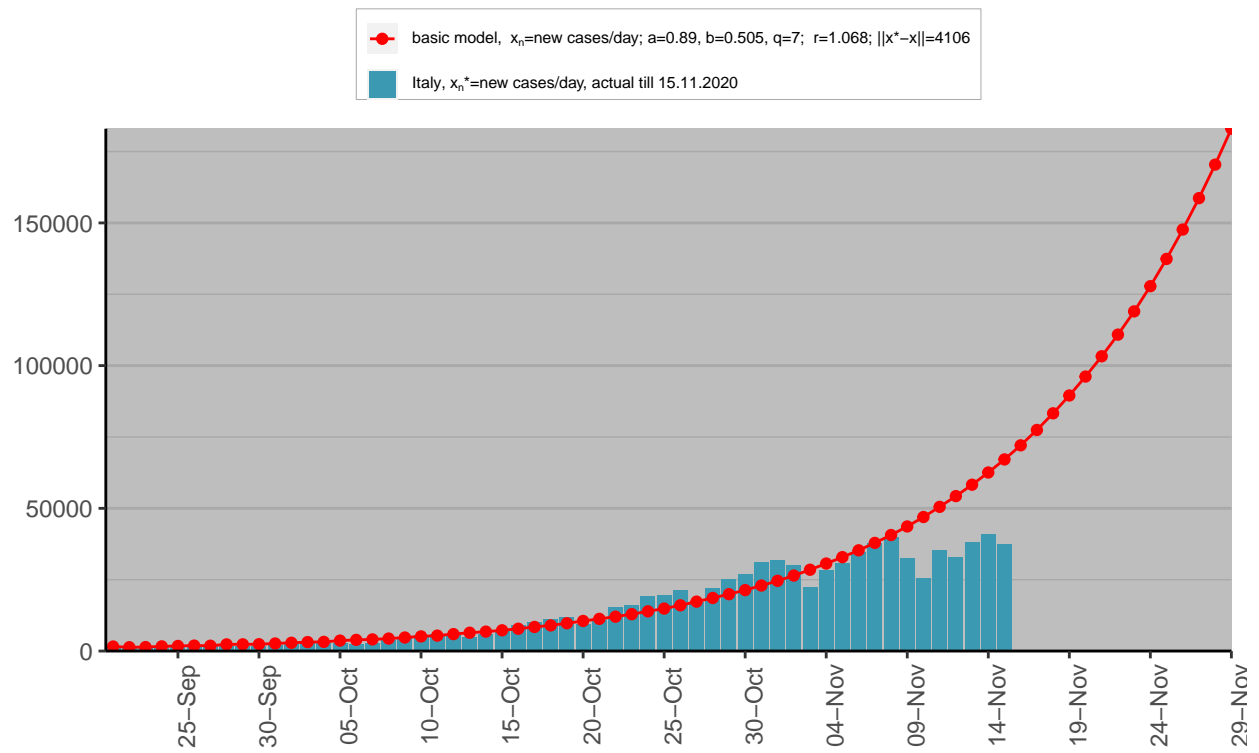


Figure 2: Comparison of the basic model with the actual data, Italy (x -diagram)

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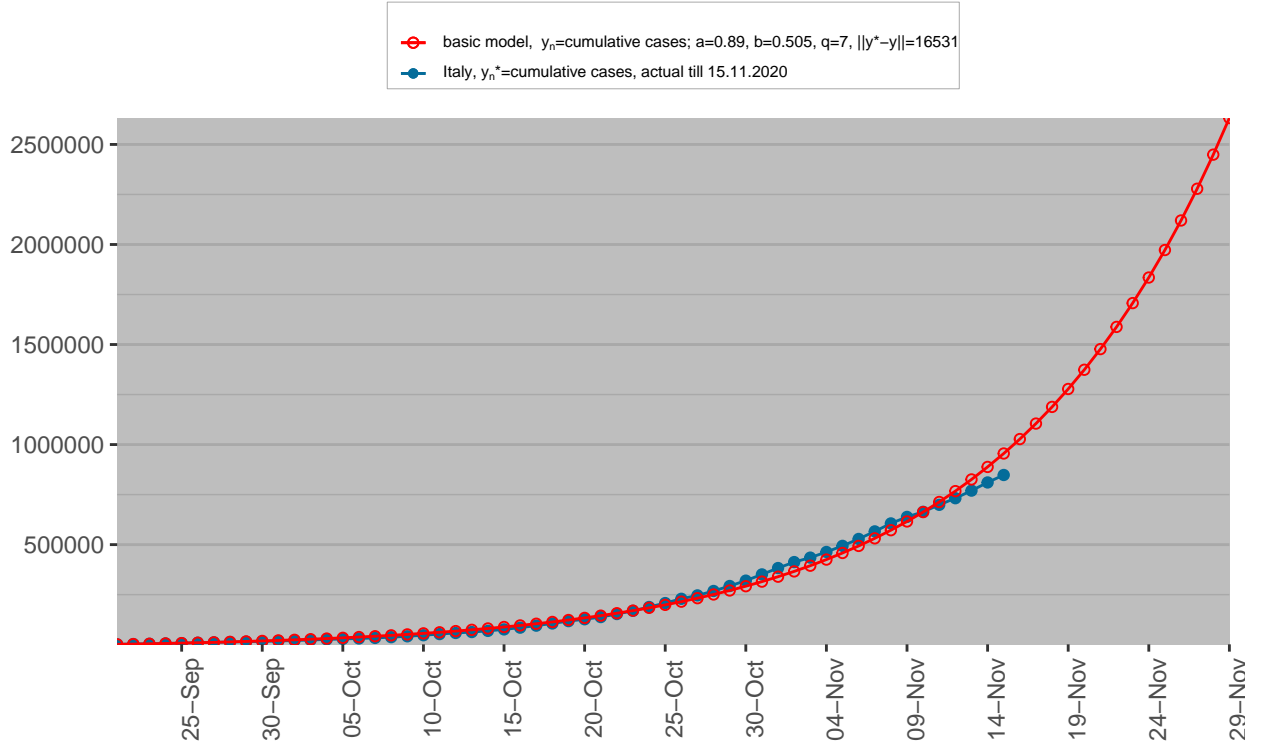


Figure 3: Comparison of the basic model with the actual data, Italy (x -diagram)

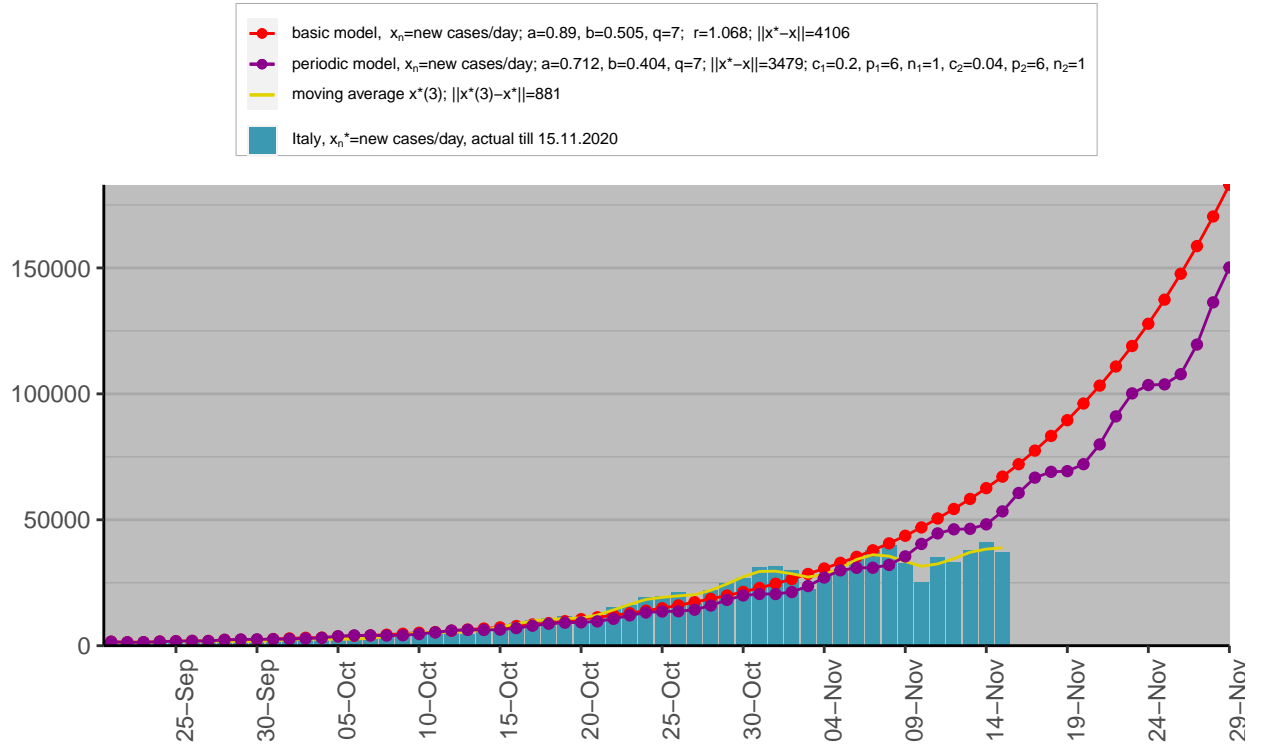


Figure 4: Comparison of basic and periodic models with moving averages, Italy

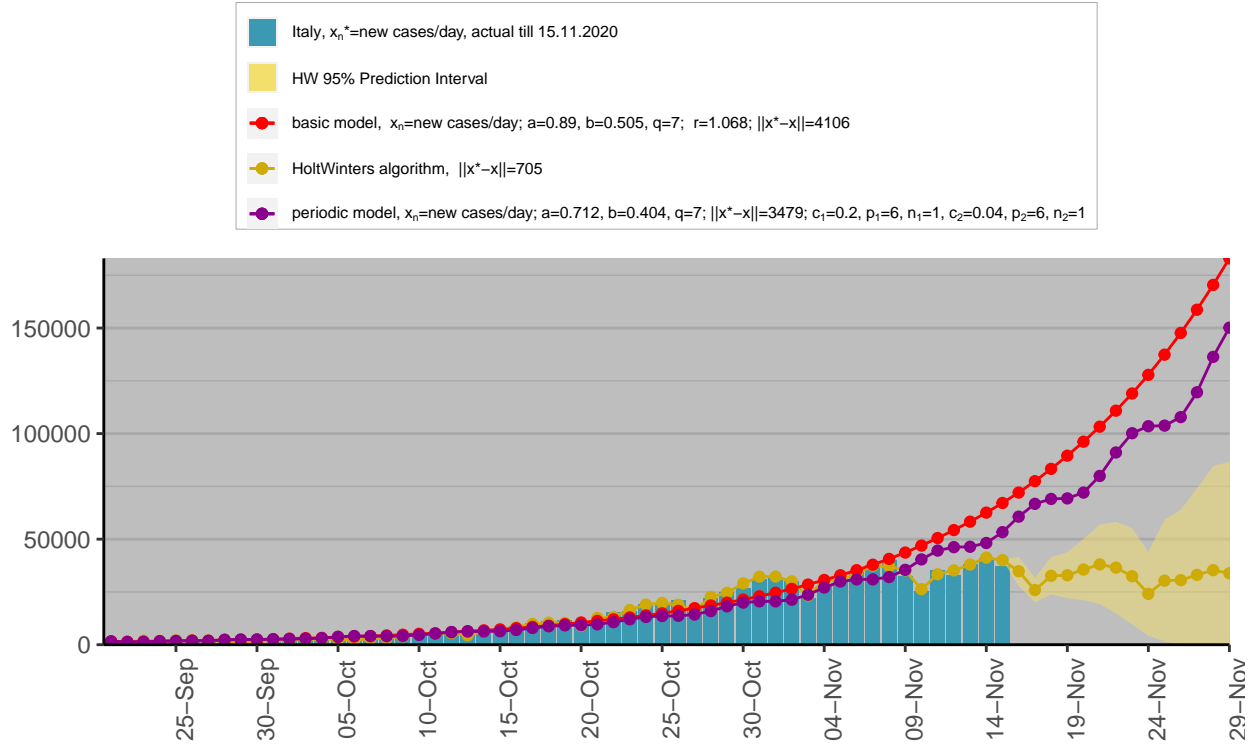


Figure 5: Comparison of basic and periodic models with HoltWinters model, Italy

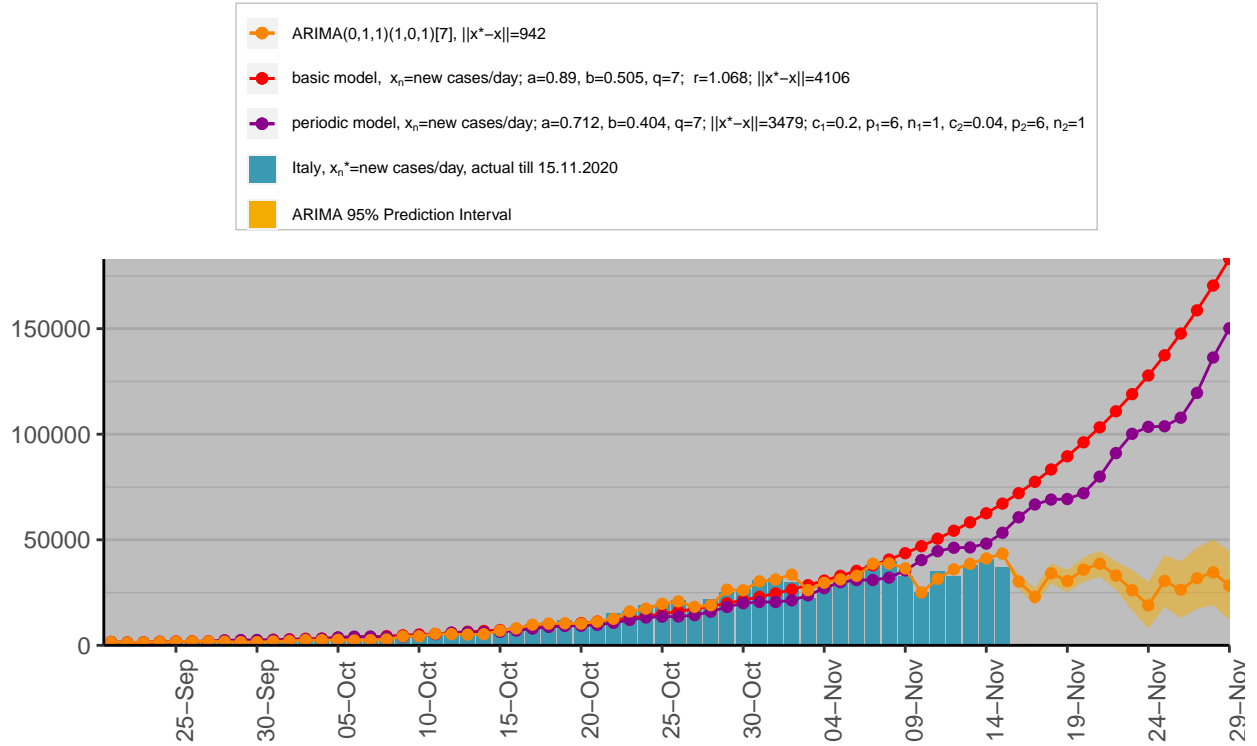


Figure 6: Comparison of basic and periodic models with ARIMA model, Italy

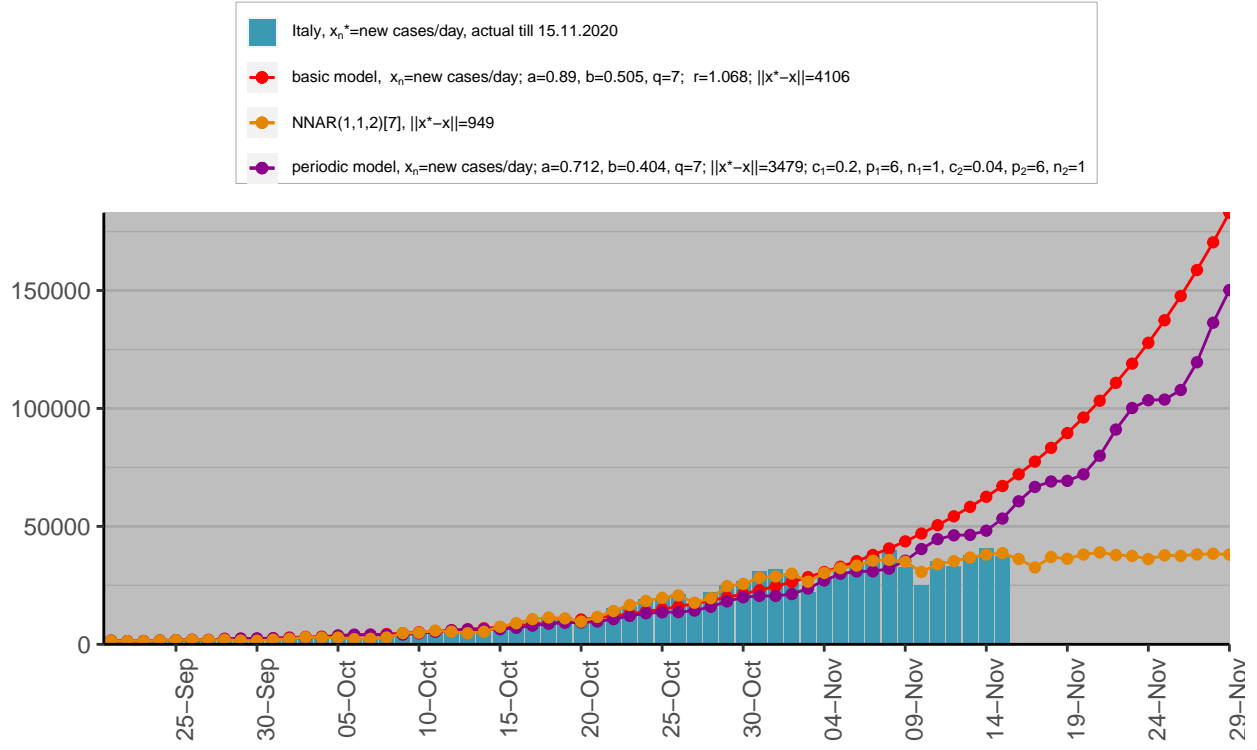


Figure 7: Comparison of basic and periodic models with Neural Network model, Italy

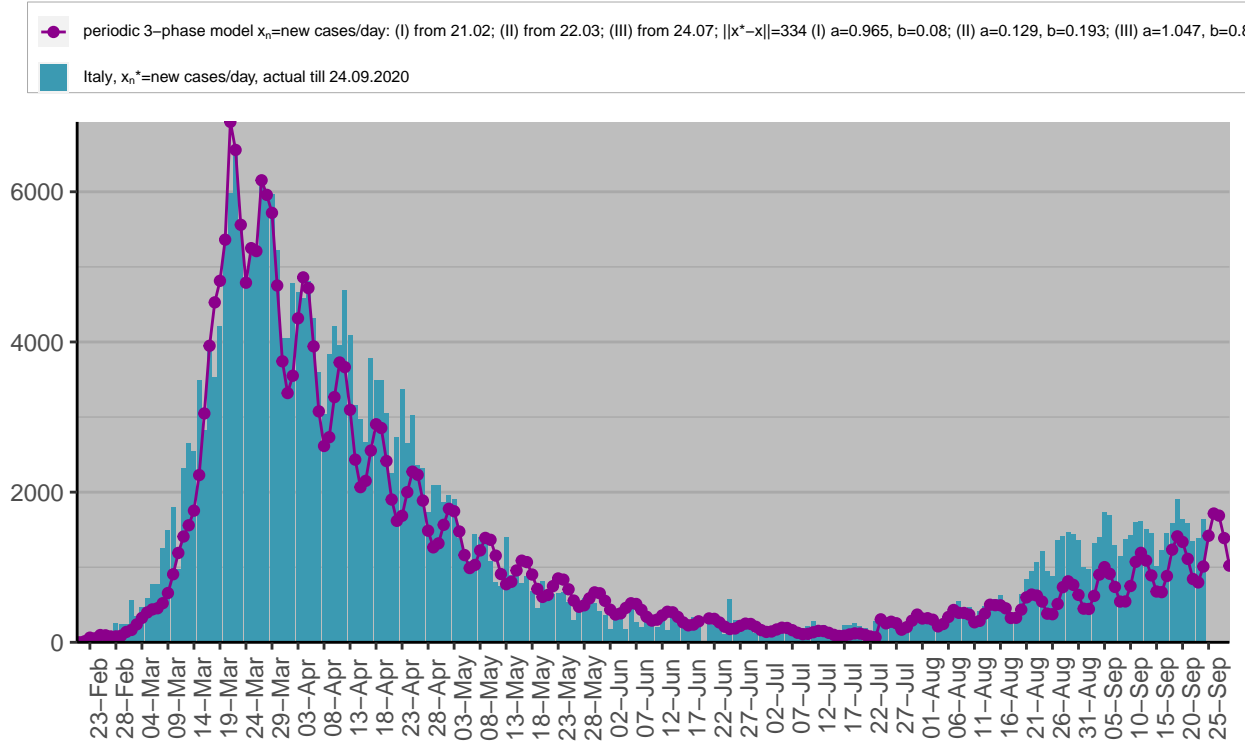


Figure 8: A multi-phase periodic model for Italy (x-diagram)

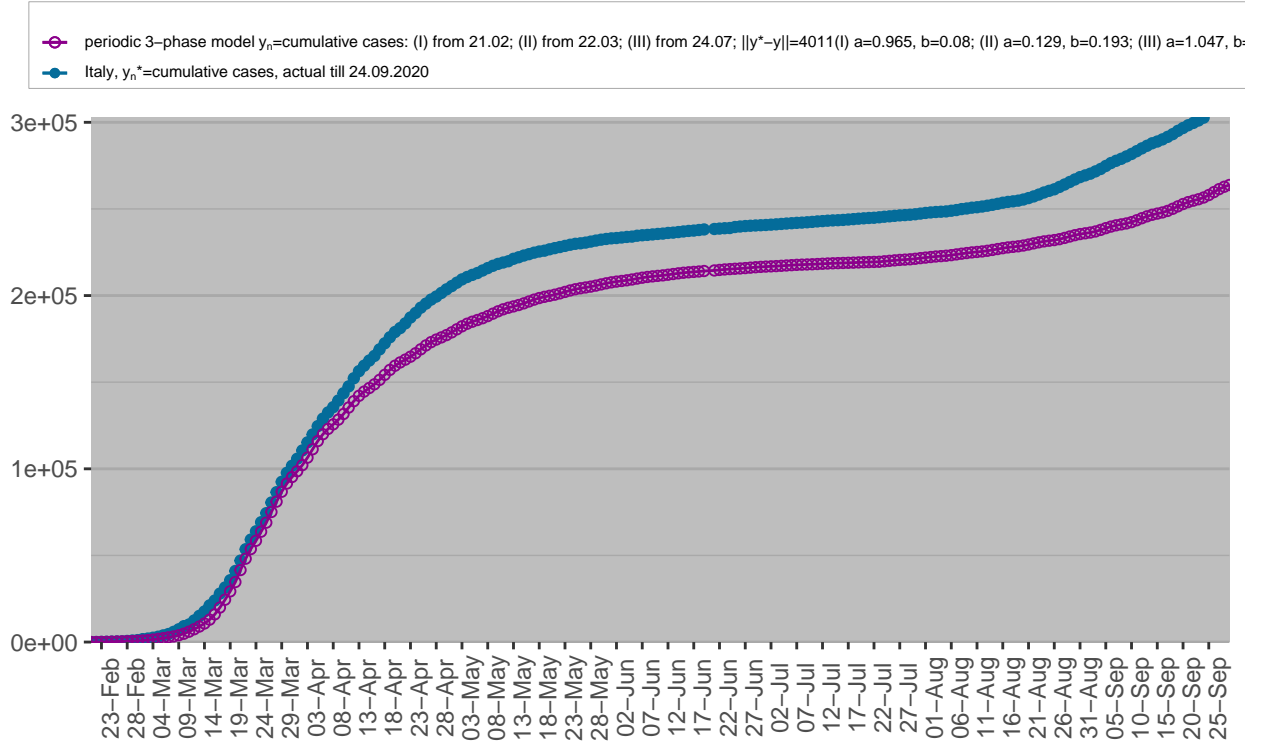


Figure 9: A multi-phase periodic model for Italy (y-diagram)

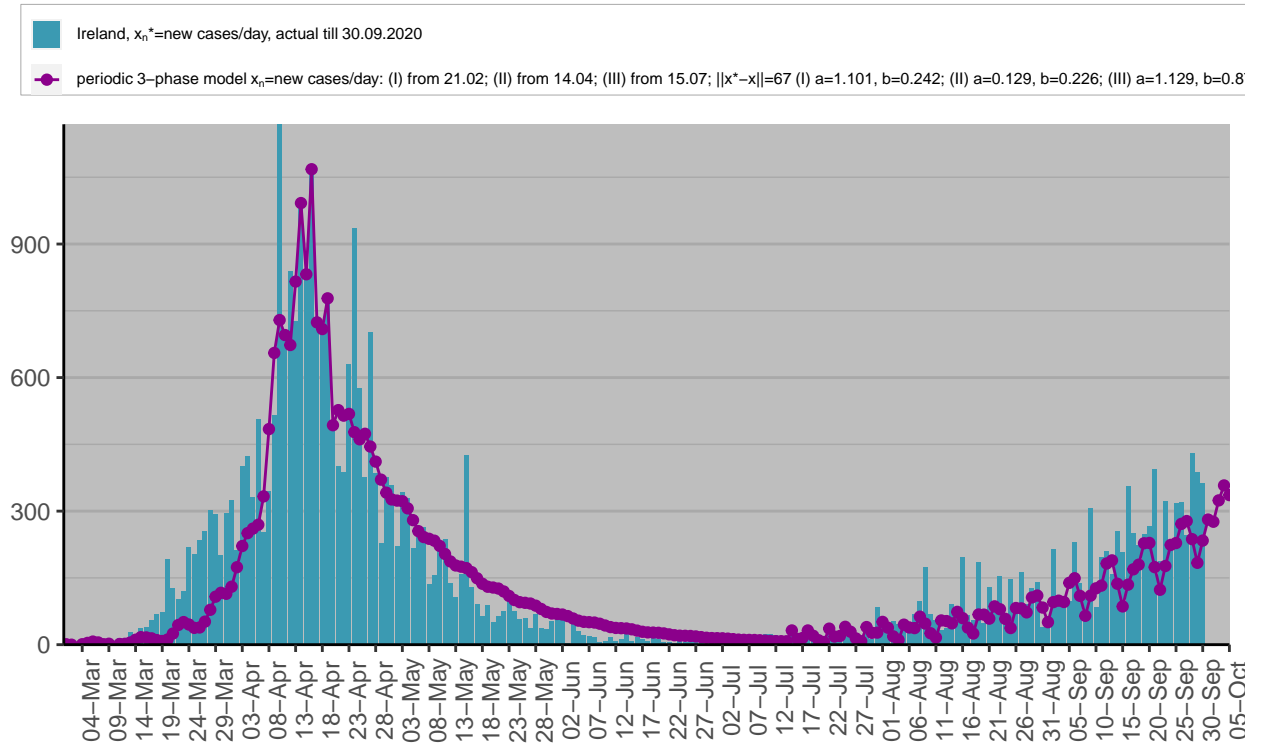


Figure 10: A multi-phase periodic model for Ireland (x-diagram)

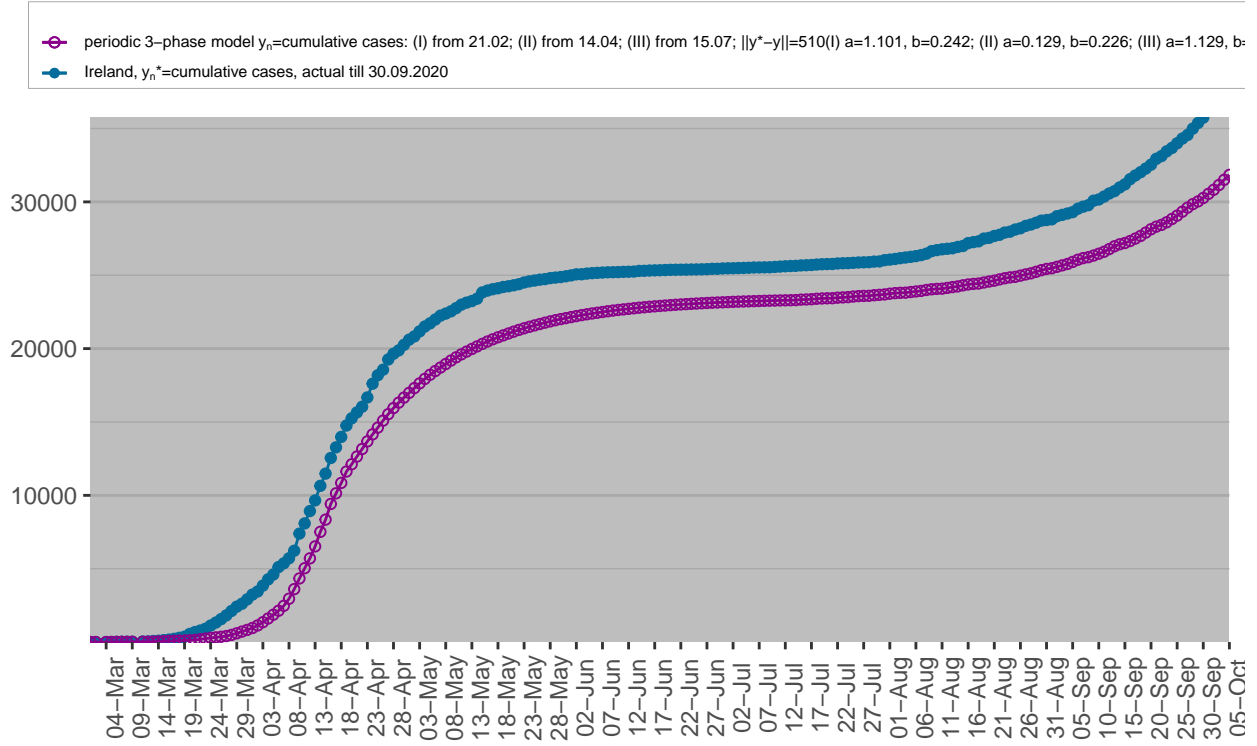


Figure 11: A multi-phase periodic model for Ireland (y-diagram)

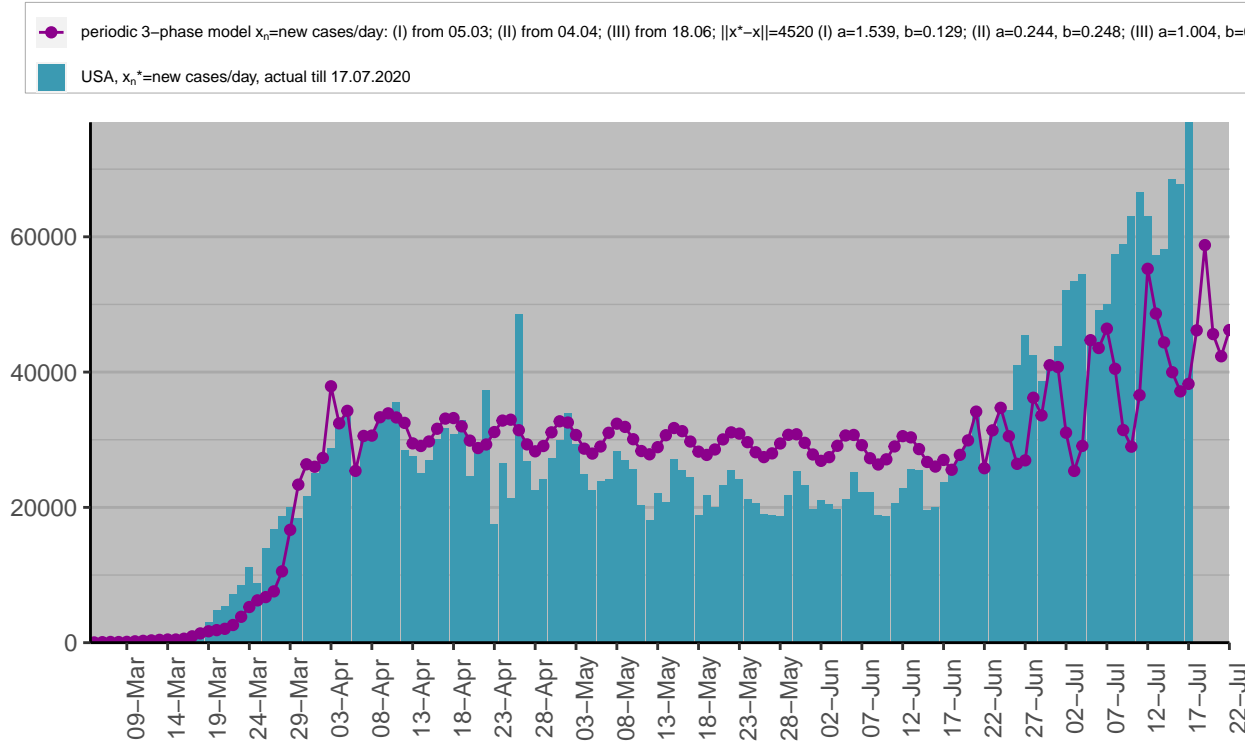


Figure 12: A multi-phase periodic model for the USA (x-diagram)

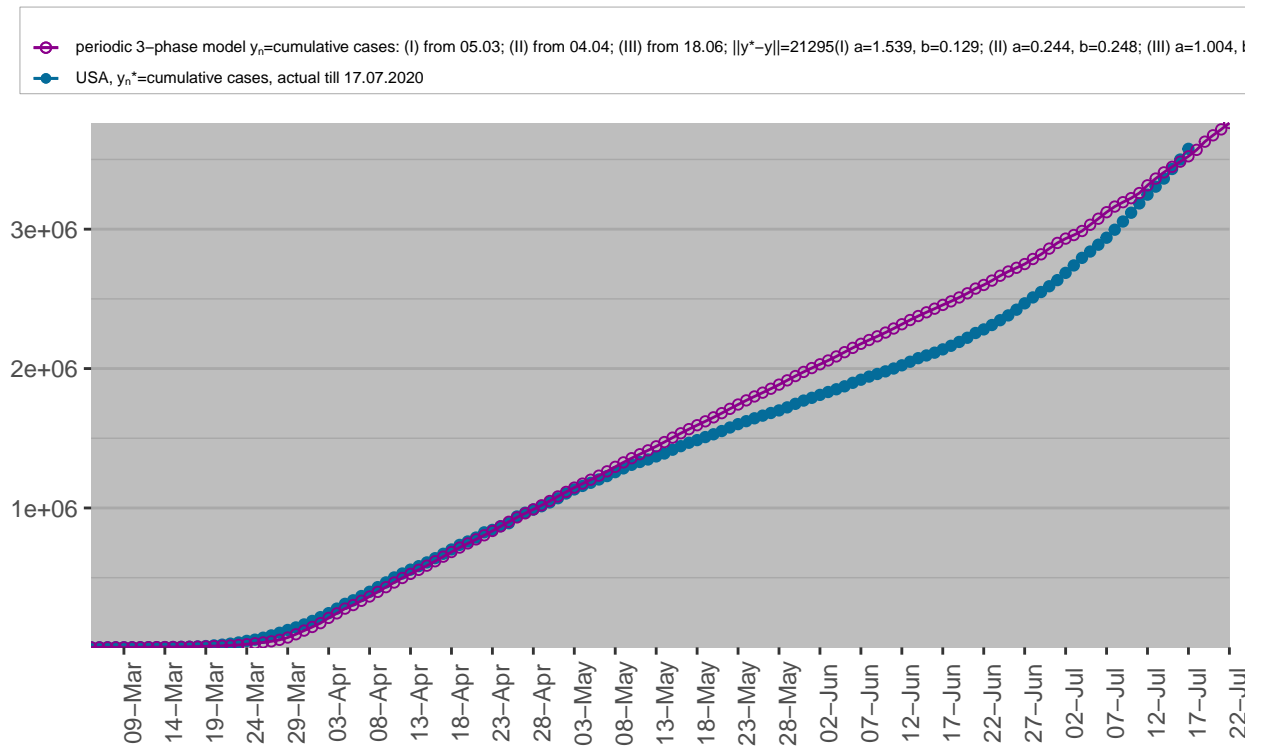


Figure 13: A multi-phase periodic model for the USA (y-diagram)