SEIR Model
Exposed Compartment

Epidemiology Research Group

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Abstract

Epidemic modeling with latent period.

1 Introduction

This report presents computational analysis of seir model.

2 Mathematical Framework

Figure 1: Primary analysis results.

3 Secondary Analysis

Figure 2: Secondary analysis comparison.
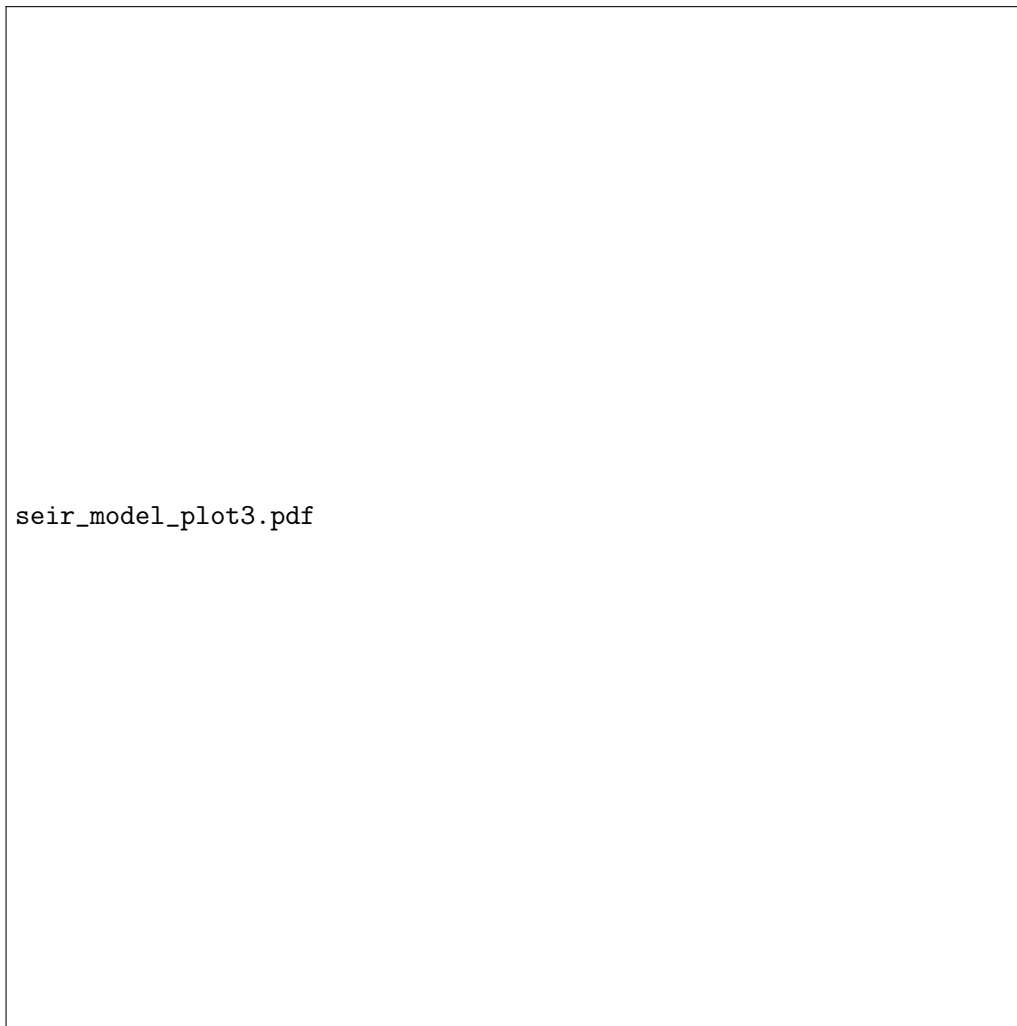
4   Parameter Study

seir_model_plot3.pdf

Figure 3: Parameter sensitivity analysis.

5 2D Visualization

seir_model_plot4.pdf

Figure 4: Two-dimensional field visualization.

6 Distribution Analysis

seir_model_plot5.pdf

Figure 5: Statistical distribution analysis.

7 Time Series

seir_model_plot6.pdf

Figure 6: Time series visualization.

8 Results Summary

9 Conclusions

This analysis demonstrates the computational approach to seir model.