

# Project 5 in FYS3150

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December 11, 2018

## Abstract

Stuff

## 1 INTRODUCTION

1.a The SIRS method

1.b RungeKutta

1.c Monte Carlo

1.d Vital dynamics

1.e Seasonal Variation

1.f Vaccination

## 2 METHOD

## 3 RESULTS

## 4 DISCUSSION

## 5 CONCLUTION

## 6 APPENDICES

All the calculations were done using the programing language Julia. The programs used can be found at: .

## References

[1] Computational Physics, Lecture Notes Fall 2015, Morten Hjort-Jensen p. 419-424