

JimDuggan / seirR Private

Extended SEIR model

Edit

[Manage topics](#)

32 commits

1 branch

0 packages

0 releases

0 contributors

[View license](#)

Branch: master

[New pull request](#)[Create new file](#)[Upload files](#)[Find file](#)[Clone or download](#)

Jim Duggan and Jim Duggan Uploading model structure diagram

Latest commit 9371751 1 hour ago

R	Adding dplyr:: to filter call for explain()	2 hours ago
data-raw	Uploading model structure diagram	1 hour ago
data	Updates for first relase	17 hours ago
inst	Uploading model structure diagram	1 hour ago
man	Update polymod location	2 hours ago
tests	Updates for first relase	17 hours ago
.DS_Store	Adding test data	4 days ago
.Rbuildignore	Update README	2 hours ago
.gitignore	Initial Update	6 days ago
DESCRIPTION	Adding explain() method	5 hours ago
LICENSE	Update	5 days ago
NAMESPACE	Update polymod location	2 hours ago
README.md	Test Picture	1 hour ago
release-comments.md	Updating first example	9 hours ago
seirR.Rproj	Initial Update	6 days ago

README.md



output

html_document

pdf_document

default

default

seirR

This package contains a SEIR model to model the spread of an infectious disease. The model is a population-level model. The package is best used in conjunction with R's [tidyverse](#) tools such as **dplyr** and **ggplot2**.

Current Version 0.0.0.1

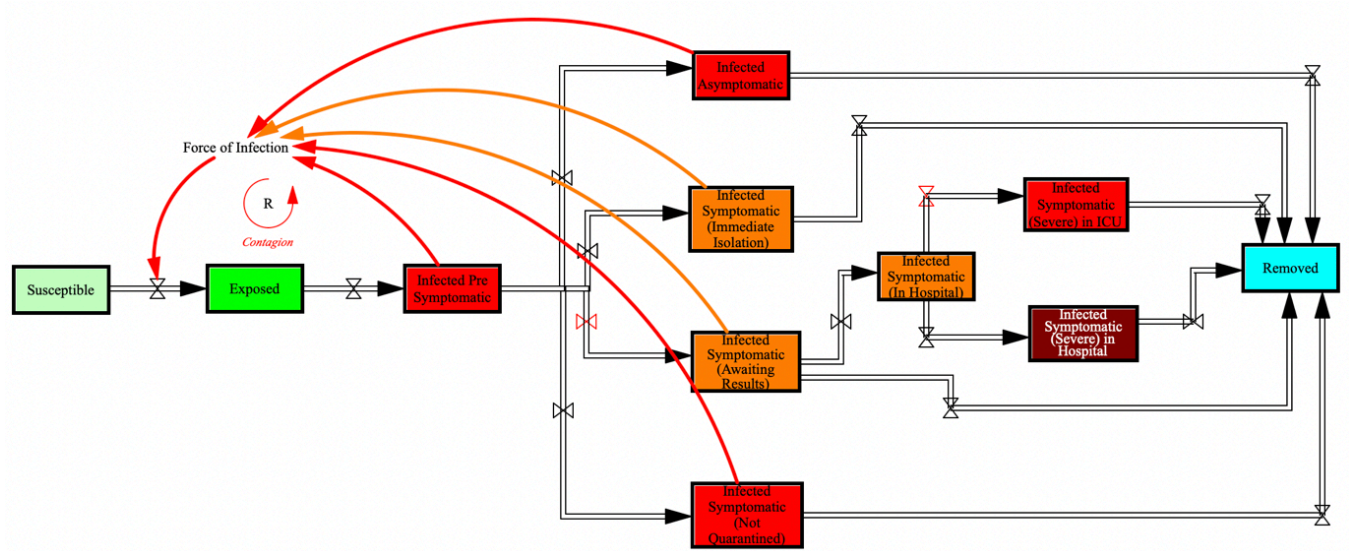
This package is currently undergoing testing and has not yet been released. See version history below for a record of changes and version

Installation

To install, obtain the authorisation key from the repo owner, and type the following command:

```
install_github("JimDuggan/seirR", auth="THE_KEY_GOES_HERE")
```

Model Overview



Examples

The following are three examples of how to use the model (and data)

- [Running a model](#)
- [Exploring the data set](#)
- [Running a sensitivity analysis](#)
- [Explain Feature](#)

Version History

Version 0.0.0.1

- Release date: April 2nd 2020
- First beta version. Contains a population level SEIR model based on agreed structure.