Disease Modeling Results

Contents

1 Results

In this paper, I have implemented an MCMC algorithm that estimates the Two-Component Model from simulated data. The simulation parameters are taken from (**???**)

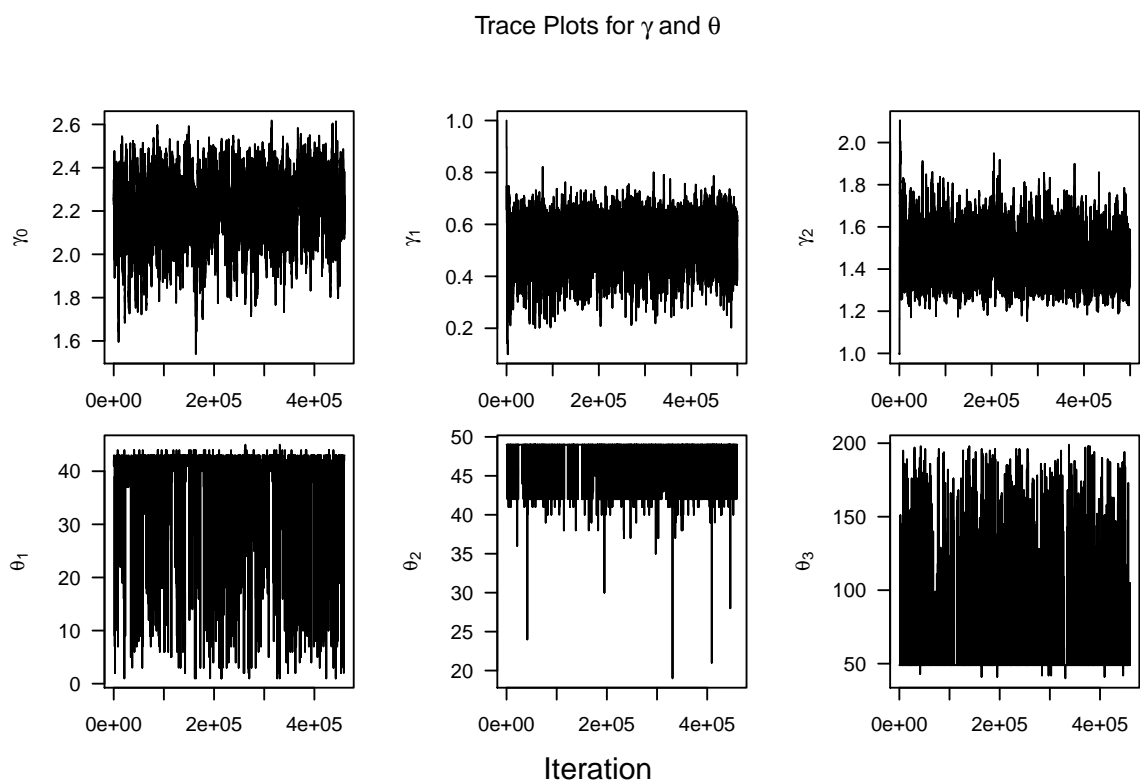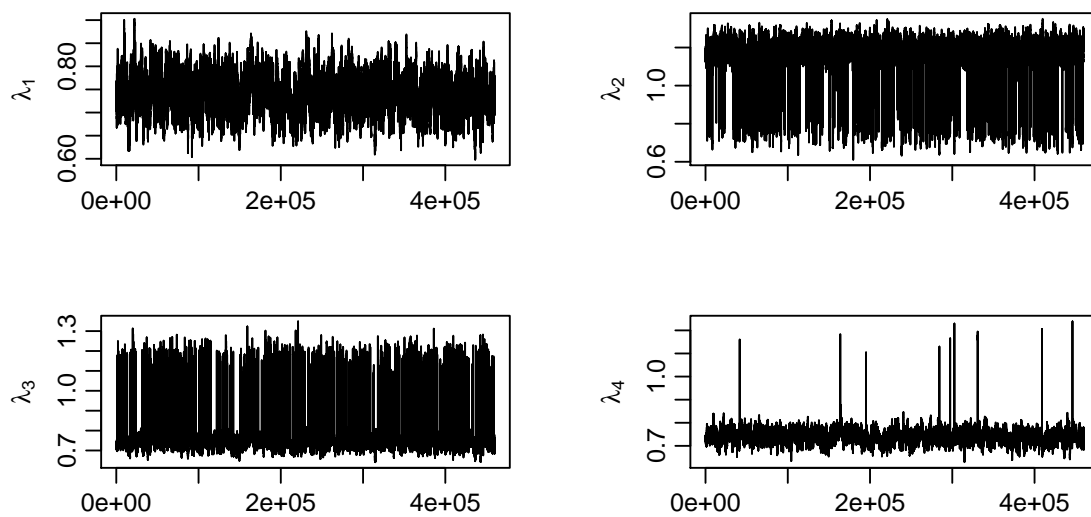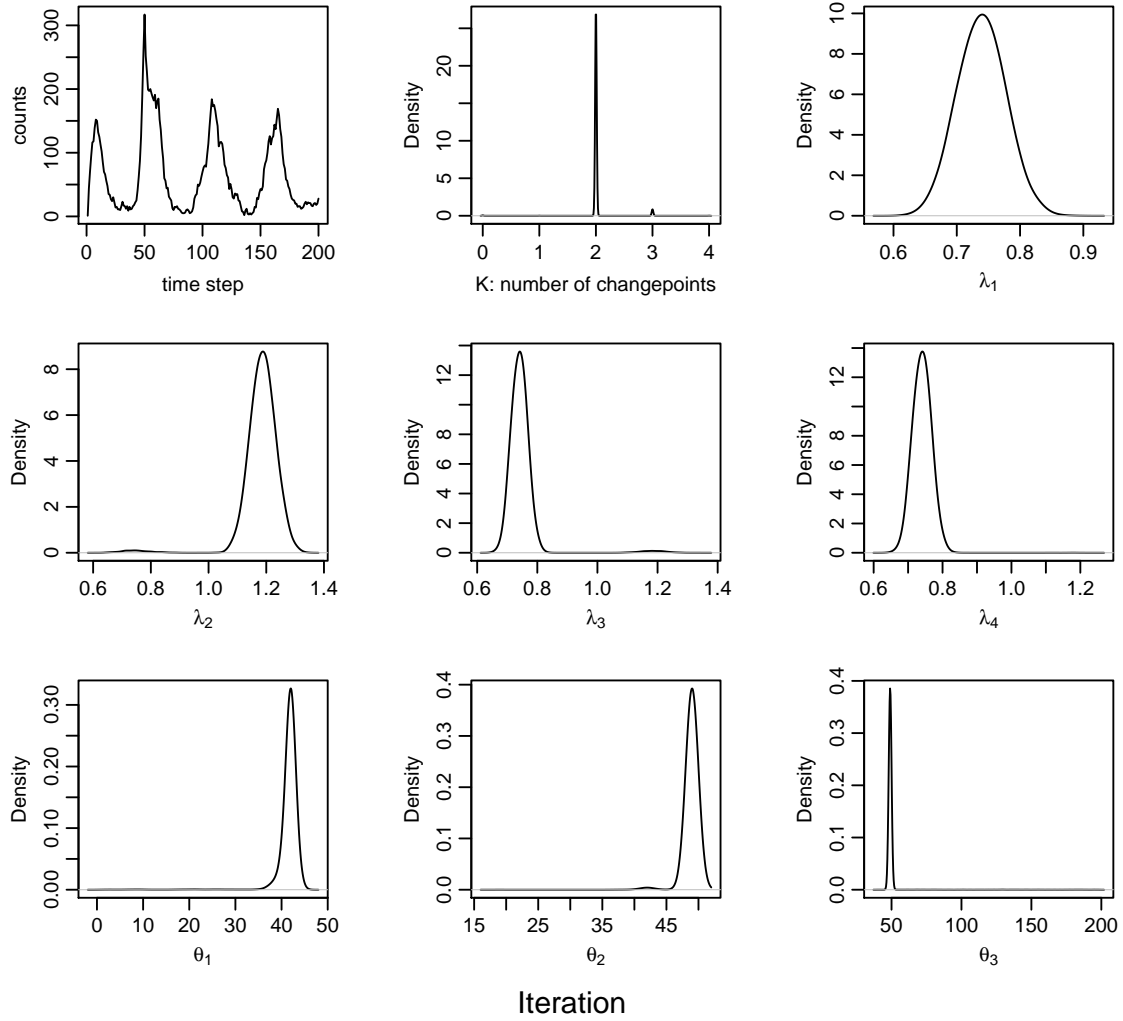| parameters	simulation values
K: number of changespoints	2
$\boldsymbol{\lambda}$: epidemic parameters	0.7, 1.2, 0.7
$\boldsymbol{\gamma}$: endemic parameters	$\log(10)$, 0.5, 1.5
$\boldsymbol{\theta}$: changepoints	39, 49

Figure 1.1: mycaption

λ Trace Plots

Iteration

Actual Counts Density Plots

1.1 Two-Component Model on Simulated Data

Beginning with the simple

1.2 Graph Estimation on Fixed Two-Component Model

2 Conclusion/Discussion

3 Citations