Problem Chosen	2021 MCM/ICM Summary Sheet	Team Control Number
ABC		2120710

标题

Summary

在这里写 summary

key words : 关键词 1; 关键词 2; 关键词 3

MEMO

FROM: Team 2120710 , MCM
To: The group of Governors
Date: January 28, 2019

这里是 memo 正文。

Sincerely yours,
MCM Team 2120710

Contents

1 Introduction

1.1 Restatement of the Problem

Many people...Therefore we are facing the following problems:

- aaaaaa
- bbbbbbb

1.2 Our Works

- aaaaaa
- bbbbbbb

2 Assumptions and Notations

2.1 Assumptions

Due to the lack of necessary data, we make the following assumptions to help us perform modeling.

1. Inflow of drugs from outside of the five states are neglected.
2. The microscopic behaviors of opioid transmission are ignored.

2.2 Notations

Here are all the notations and their meanings in this paper.

Symbol	Meaning
t	Time
N	Total reported opioid cases

3 Model Construction

blablablabla

4 Conclusion

We build a.....interesting findings:[1]

- aaaaaaa
- aaaaaaa

References

[1] E. T. Jaynes, “Information theory and statistical mechanics,” Phys. Rev., vol. 106, pp. 620–630, May 1957.

Appendices

Here is Code we used in our model, which python is the main development language.

Appendices A

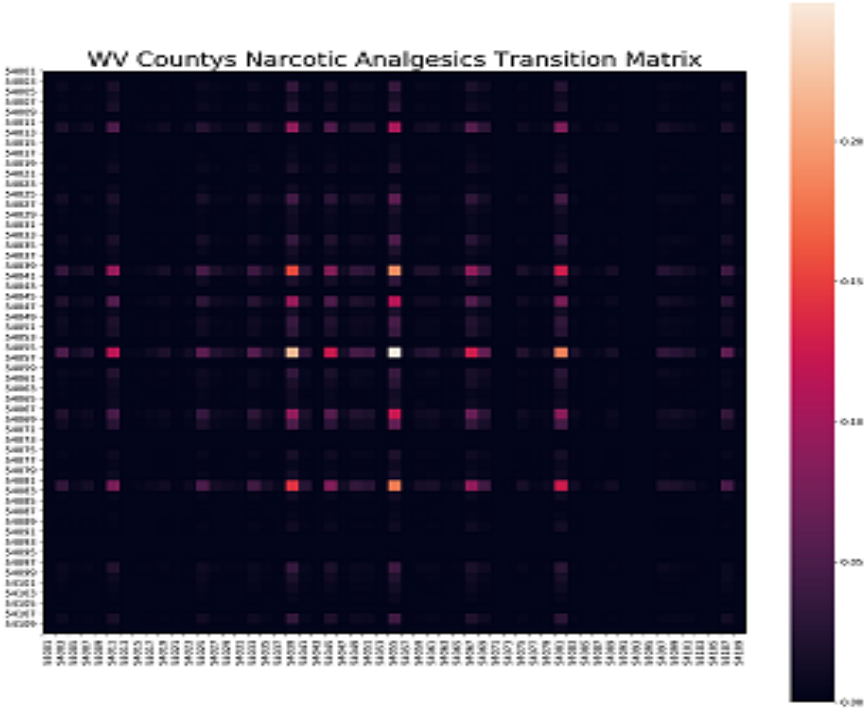

Figure 1: Transition matrix for synthetic opioid spread rate in West Virginia