

# 空间广义线性混合效应模型及其应用

## Spatial Generalized Linear Mixed Models (SGLMM) with Its Applications

Xiang-Yun Huang

Department of Statistics

School of Science

2018年



中国矿业大学 (北京)

China University of Mining & Technology, Beijing

# 目录

## 1 Introduction

# Motivations 介绍

- 1 Radionuclide concentrations on Rongelap Island
- 2 Childhood malaria in the gambia
- 3 Loa loa prevalence in Cameroon and surrounding areas

# Outline

- 1 Introduction (Motivations and goals)
- 2 Literature reviews
- 3 Geostatistical model (SGLMM)
- 4 Computing details and simulations
- 5 Real data analysis (Applications)
- 6 Discussion