P8160 - Project 3
Baysian modeling of hurrican trajectories

Group 6

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Abstract

abstract

1. Introduction

1.1. Background

1.2. Objectives

2. Methods

2.1. Data Cleaning and Exploratory Analysis

There are 702 unique hurricanes in this dataset all the occurred in the north american region between the years 1950 to 2013. Data on the storm's location (longitude & latitude) and maximum wind speed were recorded every 6 hours. The number of observations we have for each storm range from 1 to 118 with a mean value of 31 observations. Data is also collected on the storms month, and the nature of the hurricane; (Extra Tropical (ET), Disturbance (DS), Not Rated (NR), Sub Tropical (SS), and Tropical Storm (TS)).

3. Results

4. Discussion

4.1. Summary of Findings

4.2. Limitations

4.3 Future Work

4.4. Group Contributions

References

[1] one

[2] two

Appendices